



REPORT

SILRES® BS 1701

Prenatal Developmental Toxicity Study in the Han Wistar Rat

Study Director: Dr. M. Adamska

Test Facility: **Harlan Laboratories Ltd.**
Wölferstrasse 4
4414 Füllinsdorf / Switzerland

Sponsor: **Wacker Chemie AG**
Johannes-Hess-Strasse 24
84489 Burghausen / Germany

Study Identification: Harlan Laboratories Study **C16992**

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GOOD LABORATORY PRACTICE

STATEMENT OF COMPLIANCE

Harlan Laboratories Study: C16992
Test Item: SILRES® BS 1701
Study Director: Dr. M. Adamska
Study Title: Prenatal Developmental Toxicity Study in the Han Wistar Rat

This study has been performed in compliance with the:

Swiss Ordinance relating to Good Laboratory Practice adopted May 18th, 2005 [SR 813.112.1]. This Ordinance is based on the OECD Principles of Good Laboratory Practice, as revised in 1997 and adopted on November 26th, 1997 by decision of the OECD Council [C (97)186/Final].

These principles are compatible with Good Laboratory Practice regulations specified by regulatory authorities throughout the European Community, the United States (EPA and FDA), and Japan (MHLW, MAFF and METI).

There were no circumstances that may have affected the quality or integrity of the data.

Study Director: Dr. M. Adamska

Magdalena Adamska
Date: 29 October 2009

QUALITY ASSURANCE GLP STATEMENT

Harlan Laboratories Ltd., Zelgliweg 1, 4452 Itingen / Switzerland

Harlan Laboratories Study: C16992
Test Item: SILRES® BS 1701
Study Director: Dr. M. Adamska
Study Title: Prenatal Developmental Toxicity Study in the Han Wistar Rat

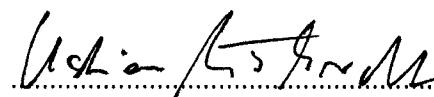
The general facilities and activities are inspected at least once a year and the results are reported to the responsible person and the management.

Study procedures were periodically inspected. The study plan and this report were audited by the quality assurance. The dates are given below.

Dates and Types of QA Inspections		Dates of Reports to the Study Director and Test Facility Management
17-Feb-2009	Study plan	17-Feb-2009
09-Mar-2009	Study based (raw data, test system, body weight, dose preparation, sample taking, test item, treatment)	09-Mar-2009
24-Mar-2009	Study based (necropsy)	24-Mar-2009
29-May-2009	Process based (work up)	29-May-2009
02-16-Sep-2009	Report	16-Sep-2009

This statement also confirms that this final report reflects the raw data.

Quality Assurance: C. Münzhardt


Date: 25-oct-2009

SIGNATURE(S) OF ADDITIONAL SCIENTIST(S)

Analytical Chemistry: Dr. D. Flade

D. Flade
Date: 28 October 2009

PREFACE

General Information

Test Item: SILRES® BS 1701
Study Title: Prenatal Developmental Toxicity Study in the Han Wistar Rat
Sponsor: Wacker Chemie AG
Johannes-Hess-Strasse 24
84489 Burghausen / Germany
Study Monitor: Dr. A. Bosch
Corporate Product Safety
Wacker Chemie AG
Johannes-Hess-Strasse 24
84489 Burghausen / Germany
Test Facility: Harlan Laboratories Ltd.
Wölferstrasse 4
4414 Füllinsdorf / Switzerland
QA: Harlan Laboratories Ltd.
Quality Assurance GLP
Zelgliweg 1
4452 Itingen / Switzerland

Responsibilities

Study Director: Dr. M. Adamska
Deputy Study Director: Dr. R. Gerspach
Laboratory Technical Coordinator: D. Frei

Study Scientist(s):

Study Part Analytical Chemistry: Dr. D. Flade

Quality Assurance:

Head of QA: T. Fink

Schedule

Experimental Starting Date (Delivery of Animals):	23-Feb-2009
Initiation of Pairing:	02-Mar-2009
First Test Item Administration:	09-Mar-2009
Termination (Last Necropsies):	31-Mar-2009
Experimental Completion Date:	27-Jul-2009

Data Requirements / Test Guidelines

This study was based on the procedures indicated by the following internationally accepted guidelines and recommendations:

- OECD guidelines (OECD guideline for testing of chemicals proposal for updating guideline 414, prenatal developmental toxicity study. Adopted: 22nd January 2001) and ECC guidelines (EC 2004/73 B31, dated April 29, 2004).
- US-EPA guidelines (Health Effects Test Guidelines, OPPTS 870.3700 'Prenatal Development Toxicity Study', EPA 712-C-98-207, dated August 1998).
- Japanese Guidelines (Ministry of Agriculture, Forestry and Fisheries, Test Data for Registration of Agricultural Chemicals, 12 Nohsan No. 8147, Teratology (2-1-18), Agricultural Production Bureau, dated November 24, 2000).

Animal Welfare

This study was performed in an AAALAC-accredited laboratory in accordance with the Swiss Animal Protection Law under license no. 23.

Summary of Study Plan Amendment

First Amendment:	Correction of the test item identification requested by the sponsor. Correction of the CAS number erroneously stated in the study plan. Correction of the test item stability specification erroneously stated in the study plan.
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Archiving

Harlan Laboratories Ltd. (4452 Itingen / Switzerland) will retain the study plan, study plan amendment, raw data, sample of test item(s), specimens (as long as the quality permits evaluation), and the final report of the present study for at least ten years.

No data will be discarded without the Sponsor's written consent.

Frozen samples will be discarded three months after the final report has been issued, transferred to a GLP archive at additional costs, or returned to the Sponsor.

1 SUMMARY AND CONCLUSION

The purpose of this study was to detect effects on the pregnant rat and development of the embryo and fetus consequent to exposure of the female to the test item from day 6 post coitum (implantation) to day 20 post coitum (the day prior to Caesarean section).

Four groups of females were treated by gavage with SILRES® BS 1701 once daily at dose levels of:

Group 1:	0 mg/kg body weight/day (control group)
Group 2:	100 mg/kg body weight/day
Group 3:	300 mg/kg body weight/day
Group 4:	1000 mg/kg body weight/day

A standard dose volume of 5 mL/kg body weight with a daily adjustment to the actual body weight was used. Control animals were dosed with the vehicle alone (corn oil).

All females were sacrificed on day 21 post coitum and the fetuses were removed by Caesarean section.

The following results were obtained:

1.1 Maternal Data

General Tolerability

All dams survived until the scheduled necropsy. No clinical symptoms related to treatment with the test item were noted during the study at any dose level.

Food Consumption and Body Weights

Food consumption, body weights, body weight gain and corrected body weight gain (corrected for the gravid uterus weight) were not affected by treatment with the test item at any dose level.

Reproduction Data

No test item-related effects on the relevant reproduction data (post-implantation loss and number of live fetuses at termination) were observed at any dose level.

Macroscopical Findings

No findings were noted during macroscopical examination at any dose level.

1.2 Fetal Data

External Examination

No test item-related abnormal findings were noted during external examination of fetuses at any dose level.

Sex Ratios

No effects on fetal sex ratios of fetuses were noted at any dose level.

Body Weights

No test item-related effects on fetal body weights were noted at any dose level.

Visceral Examination

No test item-related findings during visceral examination of fetuses were noted at any dose level.

Skeletal and Cartilage Examination

No test item-related effects on the bone and cartilage development were noted at the dose level of 100 mg/kg.

An increased incidence of supernumerary rudimentary ribs and long or interrupted costal cartilages indicated a test item-related minor disturbance in the development of the axial skeleton at the dose levels of 300 and 1000 mg/kg. These variations were considered not to be adverse.

1.3 Conclusion

Under the conditions described for this study, NOEL (No Observed Effect Level) was considered to be 1000 mg/kg body weight/day for pregnant rat.

No adverse effects on fetal development were observed at any dose levels, therefore SILRES® BS 1701 was considered not to reveal teratogenic potential up to and including a dose of 1000 mg/kg which is the NOAEL (No Observed Adverse Effect Level).

2 PURPOSE

The purpose of this study was to detect effects on the pregnant rat and development of the embryo and fetus consequent to exposure of the female to the test item from day 6 post coitum (implantation) to day 20 post coitum (the day prior to Caesarean section).

This study should provide a rational basis for toxicological risk assessment in man.

3 MATERIALS AND METHODS

3.1 Test System

Animals:	Rat, HanRcc: WIST(SPF)
Rationale:	Recognized by international guidelines as a recommended test system.
Breeder:	Harlan Laboratories Ltd. Laboratory Animal Services Wölferstrasse 4 4414 Füllinsdorf / Switzerland
Number of Animals:	88 mated females* 22 mated females per group
Age (Day 0 Post Coitum):	11 weeks
Body Weight Range (Day 0 Post Coitum):	181 to 223 g
Identification:	Cage card and individual animal number (ear tattoo).
Randomization:	Computer-generated random algorithm.
Acclimatization:	Under test conditions after health examination. Only animals without any visible signs of illness were used for the study.

3.2 Allocation

The group identification and animal numbers assigned to treatment are stated in the following table:

Allocation and Dose Levels mg/kg bw/day	Group 1 control 0	Group 2 100	Group 3 300	Group 4 1000
Females	1 - 22	23 - 44	45 - 66	67 - 88

* In order to complete mating within a reasonable time period, 98 female rats were obtained from the breeder. The surplus females were sacrificed after commencement of treatment for the last mated females.

3.3 Husbandry

Room Number, Füllinsdorf:	08A
Conditions:	Standard laboratory conditions. Air-conditioned with 10 - 15 air changes per hour, continuously monitored environmental conditions (temp. range: 22 ± 3 °C; relative humidity range: 30 - 70%). There was 12-hour fluorescent light / 12-hour dark cycle with music during the light period.
Accommodation:	Individually in Makrolon type-3 cages with wire mesh tops and sterilized standard softwood bedding ('Lignocel' Schill AG, 4132 Muttenz / Switzerland).
Diet:	Pelleted standard Kliba Nafag 3433 rodent maintenance diet (Provimi Kliba SA, 4303 Kaiseraugst / Switzerland) was available <i>ad libitum</i> (batch no. 61/08).
Water:	Results of representative analyses for contaminants are included in Appendix I on p. 226 . Community tap-water from Füllinsdorf was available <i>ad libitum</i> in water bottles. Results of bacteriological assay, chemical and contaminant analyses of representative samples are included in Appendix II on p. 229 .

3.4 Test Item / Vehicle

Test item and data as provided by the Sponsor (Certificate of Analysis see in Appendix III on p. [233](#)).

3.4.1 Test Item

Identification:	SILRES® BS 1701
Test Item Chemical Name:	Triethoxy (2,4,4 - trimethylpentyl) silane
CAS Number:	35435-21-3
Batch Number:	KH07241
Description:	liquid, colourless
Purity:	94.1% (GC; 11.08.2008)
Stability of Test Item in Vehicle:	10 days at room temperature (20 ± 5 °C)
Expiry Date (Retest Date):	12-Jul-2009

Storage Conditions:	Room temperature (20 ± 5 °C), protect against moisture (kept in container tightly closed).
Safety Precautions:	Routine hygienic procedures (gloves, goggles, face mask).

3.4.2 Vehicle and Control Item

Identification:	corn oil
Source:	Roth
Batch Number:	37899577
Expiry Date (Retest Date):	16-Sep-2018
Storage Conditions:	Room Temperature (20 ± 5 °C)
Safety Precautions:	Routine hygienic procedures (gloves, goggles, face mask).

3.5 Dose Formulations

The dose formulations were prepared weekly using the test item as supplied by the Sponsor.

SILRES® BS 1701 was weighed into a glass beaker on a tared precision balance and the vehicle was added (w/v). Using an appropriate homogenizer, a homogeneous solution was prepared. Separate formulations were prepared for each concentration.

Homogeneity of the test item in the vehicle was maintained during the daily administration period using a magnetic stirrer.

3.5.1 Storage of Dose Formulations

Dose formulations were stored at room temperature (20 ± 5 °C) in glass beakers.

Based upon the results of stability analyses performed within the (non GLP) Harlan Laboratories study C16981 (Dose Range-Finding Prenatal Developmental Toxicity Study in the Han Wistar Rat), dose formulations were stable for at least 7 days.

3.5.2 Analysis of Dose Formulations

On the first treatment day samples from the control group as well as three samples (top, middle and bottom) of about 2 g of each concentration were taken prior to dosing for analysis of concentration and homogeneity. During the last week of the treatment, samples were taken from the middle to confirm concentration. The aliquots for analysis of dose formulations were frozen (-20 ± 5 °C) and delivered on dry ice to Dr. D. Flade (Harlan Laboratories Ltd., Itingen / Switzerland) and stored there at -20 ± 5 °C until analysis.

The samples were analyzed by GC coupled to a flame ionisation detector following an analytical procedure provided by the Sponsor and adapted at Harlan Laboratories. The test item was used as the analytical standard. Analysed samples were not discarded without written consent from the study director.

The results are presented in an analytical part report by Dr. D. Flade and are included in Appendix IV on p. [236](#).

3.6 Treatment

Method:	Oral, by gavage
Rationale for Method:	Administration by gavage is a common and accepted route of exposure for studies of this type.
Frequency of Administration:	Daily
Target Dose Levels:	Group 1: 0 mg/kg/day (control group) Group 2: 100 mg/kg/day Group 3: 300 mg/kg/day Group 4: 1000 mg/kg/day
Rationale for Dose Level Selection:	The dose levels were selected based on a previous dose range finding toxicity study in Han Wistar rats, Harlan Laboratories Study C16981, using dose levels of 0, 100, 300 and 1000 mg/kg/day, resulting in no clinical findings or adverse effects on dams or embryo-fetal development up to and including 1000 mg/kg body weight/day.
Dose Volume:	5 mL/kg body weight
Duration of Acclimatization Period:	Minimum 7 days
Duration of Treatment Period:	Day 6 - 20 post coitum

3.7 Study Schedule (Schematic Diagram)

Days of study

Acclimatization

:
:
:
:

: Pairing

:
:
:
:

Day 0 post coitum

:
:
:
:
:
:
:

Day 6 post coitum (first treatment)

:
:
:
:
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:
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:
:
:
:
:
:
:

Day 20 post coitum (last treatment)

Day 21 post coitum (Caesarean section and necropsy)

3.8 Mating

After acclimatization, females were housed with sexually mature males (1:1) in special automatic mating cages i.e. with synchronized timing to initiate the nightly mating period, until evidence of copulation was observed. This system reduced the variation in the copulation times of the different females. The females were removed and housed individually if:

- the daily vaginal smear was sperm positive, or
- a copulation plug was observed.

The day of mating was designated day 0 post coitum.

Male rats of the same source and strain were used only for mating. These male rats are in the possession of Harlan Laboratories and were not considered part of the test system. The fertility of these males had been proven and was continuously monitored.

3.9 Observations

The following observations were recorded as follows:

Viability / Mortality:	Twice daily
Clinical Signs:	Daily cage-side clinical observations (once daily, during acclimatization and up to day of necropsy).
Food Consumption:	Recorded at 3-day intervals: days 0-3, 3-6, 6-9, 9-12, 12-15, 15-18 and 18-21 post coitum.
Body Weights:	Recorded daily from day 0 until day 21 post coitum.

3.10 Termination of the Study

At the scheduled necropsy on day 21 post coitum, females were sacrificed by CO₂ asphyxiation and the fetuses removed by Caesarean section.

3.10.1 Necropsy

Any female sacrificed during the study was subjected to macroscopic examination with emphasis on the uterus and its contents.

The females were sacrificed by CO₂ asphyxiation. Post mortem examination, including gross macroscopic examination of all internal organs with emphasis on the uterus, uterine contents, position of fetuses in the uterus and the number of corpora lutea was performed and the data recorded. The uteri (and contents) of all females with live fetuses were weighed during necropsy on day 21 post coitum to enable the calculation of the corrected body weight gain.

3.11 Fetal Pathology

Fetuses were removed from the uterus, sexed, weighed individually, examined for gross external abnormalities, sacrificed by a subcutaneous injection of sodium pentobarbital and allocated to one of the following procedures:

1. Microdissection technique (sectioning/dissection technique) [see References (1)]. At least one half of the fetuses from each litter was fixed in Bouin's fixative (one fetus per container). They were examined by a combination of serial sections of the head and microdissection of the thorax and abdomen. This included detailed examination of the major blood vessels and sectioning of the heart and kidneys. After examination, the tissue was preserved in a solution of glycerin/ethanol (one fetus per container). Descriptions of any abnormalities and variations were recorded.
2. The remaining fetuses were eviscerated and with the exception of over the paws, the skin was removed and discarded. Carcasses were processed through solutions of ethanol, glacial acetic acid with Alcian blue (for cartilage staining), potassium hydroxide with Alizarin red S (for clearing and staining ossified bone) and aqueous glycerin for preservation and storage [see References (2)]. The skeletons were examined and all abnormal findings and variations were recorded. The specimens were preserved individually in plastic vials.

If no implantation sites were evident, the uterus was placed in an aqueous solution of ammonium sulfide [see References (3)] to accentuate possible hemorrhagic areas of implantation sites.

3.12 Data Compilation and Processing

The following data were recorded on-line: food consumption, body weights, reproduction data, uterus weights at Caesarean section and skeletal examination data (RCC-TOX LIMS).

All other data were recorded on data sheets and compiled manually.

From the on-line recorded reproduction data, the following parameters were calculated: pre- and post-implantation losses, embryonic and fetal deaths, live and dead fetuses, abnormal fetuses, fetal sex ratios and fetal body weights.

For reproduction data, group mean values were calculated both on a litter basis and on a percentage per group basis. Mean fetal weights were calculated from the individual weights both on a per group and on a per litter basis.

Computer-generated values in the tables represent the rounded-off results of calculations which used the exact raw data values.

3.13 Terminology Used in the Assessment of the Data

Empty Implantation Site:	Very early resorption or aborted implantation
Embryonic Resorption:	Amorphous mass being resorbed
Fetal Resorption:	Clearly defined fetal body being resorbed
Dead Fetus:	Appearance of live fetus but without induced respiration or movement
Live Fetus:	Breathing and/or moving fetus
Abnormality:	A structural change in a fetus that would probably impair its health or development.
Variation:	A fetal change that is unlikely to adversely affect survival or health. This includes a delay in growth or morphogenesis that has otherwise followed a normal pattern of development.

3.14 Statistical Analysis

The following statistical methods were used to analyze food consumption, body weights and reproduction data:

- Means and standard deviations of various data were calculated.
- The Dunnett-test [see References (4)] (many to one t-test) based on a pooled variance estimate was applied if the variables could be assumed to follow a normal distribution for the comparison of the treated groups and the control groups for each sex.
- The Steel-test [see References (5)] (many-one rank test) was applied instead of the Dunnett-test when the data could not be assumed to follow a normal distribution.
- Fisher's exact-test [see References (6)] was applied if the variables could be dichotomized without loss of information.

4 RESULTS

4.1 Analysis of Dose Formulations

(See Appendix IV on p. [236](#))

SILRES® BS 1701 application formulations investigated during the study were found to comprise the test item in the range of 97.8% to 102.2%. All samples met the required content limit of $\pm 20\%$ with reference to the nominal concentration. The proper preparation of dose formulations was confirmed by the analysis of samples collected during the last week of the treatment (recovery estimated in these samples confirm concentration of the test item in the range between 96.7% and 102.0% of the nominal concentration).

The homogeneous distribution of SILRES® BS 1701 in the application formulations was approved because single results did not deviate more than 1.9% (<15%) from the corresponding mean.

4.2 Summary of Performance of Mated Females

Group Dose (mg/kg)	1 (0)	2 (100)	3 (300)	4 (1000)
Female numbers	1 - 22	23 - 44	45 - 66	67 - 88
Number of mated females	22	22	22	22
Not pregnant (A)	0	0	0	1
Number of females with live fetuses at termination*	22	22	22	21

* Only dams with at least one live fetus at Caesarean section were used for the calculations of food consumption, body weight gain and corrected body weight gain data.

(A) Female no. 81 was not pregnant

4.3 Maternal Data

4.3.1 Clinical Signs or Observations

(See Summary Table on p. [35](#) , Individual Tables on p. [72](#))

All dams survived until the scheduled necropsy. No clinical symptoms related to the treatment with the test item were noted during the study at any dose level.

In the control group, 1 female had a hairless region on the left flank (observed from day 18 to 21 post coitum). This finding was incidental.

4.3.2 Food Consumption

(See Figure on p. [30](#), Summary Tables on p. [36](#), Individual Tables on p. [80](#))

No effects on mean food consumption were noted at any dose level.

The overall differences in food consumption during the treatment period were by +0.5%, +4.2% and -0.9% in order of ascending dose levels (percentages refer to the value of the control group).

4.3.3 Body Weights

(See Figures on p. [31](#), Summary Tables on p. [38](#), Individual Tables on p. [84](#))

Mean body weight and mean body weight gain were not affected by treatment with the test item at any dose level. The overall differences in mean body weight gain were by +49.5%, +45.7%, +47.1 and +46.4% in order of ascending dose levels (percentages refer to the alterations within the treatment period).

Mean corrected body weight gain (corrected for the weight of the gravid uterus) was similar in all dose groups: 12.4%, 10.3%, 12.8% and 10.1% in order of ascending dose levels.

4.3.4 Reproduction Data

(See Summary Table on p. [47](#), Individual Tables on pp. [100](#), [104](#), [108](#) and [112](#), Historical Data on p. [251](#))

No test item-related effects on the relevant reproduction data (post implantation loss and number of live fetuses at termination) were observed at any dose level.

Incidental statistically significantly lower number of embryonic resorptions was observed at the dose level of 100 mg/kg. This effect was considered to be a result of biological variability.

Mean number of live fetuses was similar in all groups and was 13.1, 12.2, 12.1 and 12.4 in order of ascending dose levels.

4.3.5 Macroscopical Findings

(See Summary Table on p. [49](#), Individual Tables on p. [130](#))

No findings were noted during macroscopical examination at any dose level.

4.4 Fetal Data

4.4.1 External Examination

(See Summary Table on p. 51)

No test item-related abnormal findings were noted during external examination of the fetuses at any dose level.

A malrotated hind limb was found in 1 fetus at the dose of 100 mg/kg and 2 fetuses at the dose of 300 mg/kg. Because of lack of the dose-correlation, this finding was considered to be incidental.

4.4.2 Sex Ratios

(See Summary Table on p. 47 , Individual Tables on p. 112)

No effects on sex ratio of the fetuses were observed at any dose level. Proportions of male fetuses were 50.0%, 46.1%, 45.9% and 46.5% in order of ascending dose levels.

4.4.3 Body Weights

(See Summary Tables on pp. 47 and 52 , Individual Tables on p. 112)

No test item-related effects on mean weights of live fetuses were observed at any dose level.

Slightly but statistically significantly higher mean body weights of live fetuses were observed at the dose levels of 100 and 1000 mg/kg. Mean fetal body weights calculated on an individual basis were 4.8 g in both groups compared to 4.7 g in the control group. Both values were in the range of historical control data (mean fetal body weight in control groups comprised values from 4.7 to 4.9 g) therefore this effect was considered not to be test item-related but a result of biological variability.

4.4.4 Visceral Examination of Fetuses (Microdissection Technique)

(See Summary Table on p. 56 , Individual Table on p. 135)

During visceral examination of fetuses, findings were noted in:

- 34% examined fetuses (in 100% litters) in the control group
- 36% examined fetuses (in 91% litters) at the dose level of 100 mg/kg
- 31% examined fetuses (in 86% litters) at the dose level of 300 mg/kg
- 35% examined fetuses (in 100% litters) at the dose level of 1000 mg/kg

The type and frequencies of the noted variations were similar in the groups receiving the test item and the control group and did not indicate any dose-dependency, therefore these findings were considered not to be test item-related.

All found abnormalities (situs inversus noted in 2 fetuses/2 litters, small pituitary noted in 1 fetus and interventricular septal defect of the heart noted in 1 fetus) were noted in the control group.

4.4.5 Skeletal Examinations of Fetuses - Bone and Cartilage Abnormalities and Variations

(See Summary Table on p. [58](#) , Individual Tables on p. [144](#))

During skeletal examination of fetuses, findings were noted in:

- 17% examined fetuses (in 55% litters) in the control group
- 27% examined fetuses (in 73% litters) at the dose level of 100 mg/kg
- 18% examined fetuses (in 68% litters) at the dose level of 300 mg/kg
- 20% examined fetuses (in 62% litters) at the dose level of 1000 mg/kg

The type and frequencies of the noted skeletal variations were similar in the groups receiving the test item and the control group and did not indicate any dose-dependency, therefore they were considered not to be test item-related.

No test item-related abnormalities were observed.

A supernumerary greater horn of hyoid arch was noted in 1 fetus in the control group.

A malpositioned and/or shortened and fused costal cartilage was found in 1 fetus each at the dose levels of 100 mg/kg and 1000 mg/kg. This finding was considered to be incidental.

4.4.6 Bone Examination of Fetuses (Ossification Stage and Supernumerary Ribs)

(See Summary Tables on p. [60](#) , Individual Tables on p. [150](#) , Historical Data on p. [254](#))

During bone examination of fetuses, findings were noted in:

- 16% examined fetuses (in 50% litters) in the control group
- 22% examined fetuses (in 68% litters) at the dose level of 100 mg/kg
- 17% examined fetuses (in 64% litters) at the dose level of 300 mg/kg
- 19% examined fetuses (in 57% litters) at the dose level of 1000 mg/kg

No test item-related effects on the ossification stage and supernumerary ribs were noted at the dose level of 100 mg/kg.

When compared to the control values statistically significantly lower numbers of non-ossified cervical and caudal vertebrae and incompletely ossified sternal bodies were noted at the dose level of 1000 mg/kg. Statistically significantly lower number of non-ossified digits and toes was noted in all groups treated with the test item. Most of these values were in the range of the historical control data and therefore these findings were considered not to be test item-related but a result of biological variability.

Compared to the control values, a statistically significantly increased incidence of supernumerary rudimentary ribs was noted at the dose levels of 300 and 1000 mg/kg when calculated on an individual basis. This effect did not correlate with the dose levels; it was most pronounced at the dose level of 300 mg/kg. When calculated on a litter basis, statistically significant increase was noted only at the dose level of 300 mg/kg. The increased numbers of supernumerary ribs exceeded the historical control data and were considered to be test item-related. An increase of rudimentary supernumerary ribs indicate only minor and not adverse developmental disturbance as the rudimentary thoracolumbar supernumerary ribs are known to be transient [see References (7)] therefore this effect was considered not to be adverse.

4.4.7 Cartilage Examination of Fetuses (Additional Variations)

(See Summary Tables on p. 66 , Individual Tables on p. 201 , Historical Data on p. 265)

During cartilage examination of fetuses, findings were noted in:

- 2% examined fetuses (in 14% litters) in the control group
- 10% examined fetuses (in 41% litters) at the dose level of 100 mg/kg
- 2% examined fetuses (in 14% litters) at the dose level of 300 mg/kg
- 4% examined fetuses (in 19% litters) at the dose level of 1000 mg/kg

No test item-related effects on the cartilage development were noted at the dose level of 100 mg/kg.

At the dose level of 1000 mg/kg, statistically significantly lower number of skull cartilaginous structures with small hole was observed when compared to the control value. This value remained in the range of the historical control data and was therefore considered not to be test item-related but a result of biological variability.

Compared to the control value, an increased incidence of long or interrupted costal cartilages was noted at the dose levels of 300 and 1000 mg/kg when calculated on an individual basis. This effect did not correlate with the dose levels; it was most pronounced at the dose level of 300 mg/kg. When calculated on a litter basis, statistically significant increase was noted only at the dose level of 300 mg/kg. The increased numbers of long or interrupted costal cartilages exceeded the historical control data and were considered to be test item-related.

Although long or interrupted costal cartilages are considered as permanent structural changes, they are minor and most unlikely to adversely affect further development and postnatal live of the animal therefore this effect was considered not to be adverse.

5 DISCUSSION AND CONCLUSION

In order to detect effects on the pregnant rat and development of the embryo and fetus, SILRES® BS 1701 was administered orally by gavage once daily from day 6 through to day 20 post coitum at dose levels of 100, 300 and 1000 mg/kg.

No clinical signs or observations were noted up to and included dose level of 1000 mg/kg.

Food consumption, body weight and corrected body weight gain (corrected for the gravid uterus weight) were not affected by treatment with the test item up to and included dose level of 1000 mg/kg.

No test item-related effects on the relevant reproduction parameters were observed up to and included dose level of 1000 mg/kg.

No test item-related effects on development of embryos or fetuses were observed at the dose level of 100 mg/kg.

An increased incidence of supernumerary rudimentary ribs and long or interrupted costal cartilages observed at the dose levels of 300 and 1000 mg/kg indicate a treatment-related minor disturbance in the development of the axial skeleton at these dose levels. Both types of variations belong to the most common seen in the control groups. They are of minor nature and not likely to affect further development and postnatal live of the animal. Therefore the increase of their incidence was considered not to be adverse.

Under the conditions described for this study, NOEL (No Observed Effect Level) for pregnant rat was considered to be 1000 mg/kg body weight/day.

Based on the variations on development of axial skeleton, NOEL for embryo and fetal development was considered to be 100 mg/kg body weight/day whereas NOAEL (No Observed Adverse Effect Level) was considered to be 1000 mg/kg body weight/day.

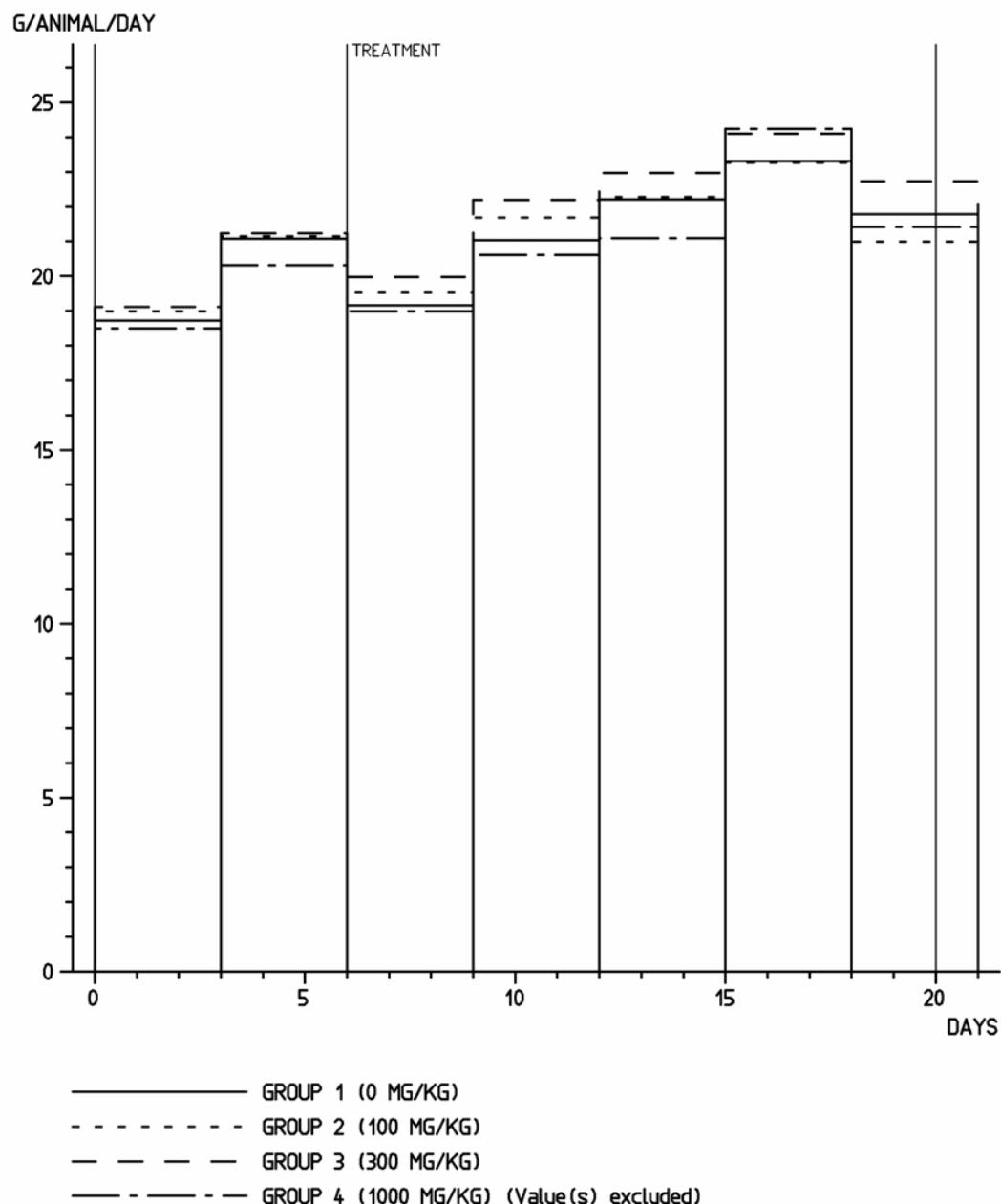
Consequently, SILRES® BS 1701 was considered not to reveal teratogenic potential up to and including a dose of 1000 mg/kg.

6 REFERENCES

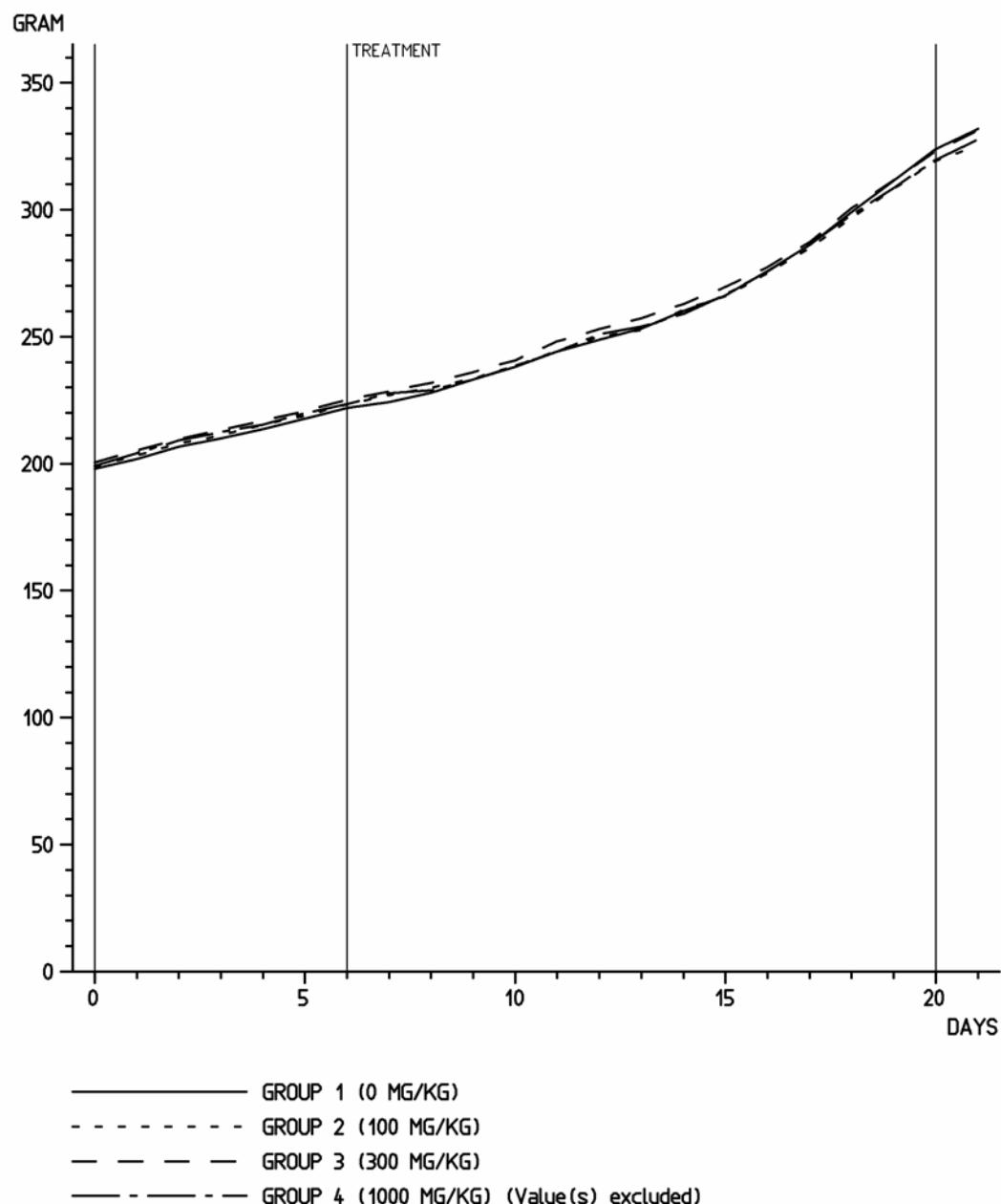
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Supernumerary Ribs in Developmental Toxicity Bioassays and in Human Populations: Incidence and Biological Significance, *J. Toxicol. Environ. Health. Part B*, 7, pp. 437-449 (2004)

7 FIGURES

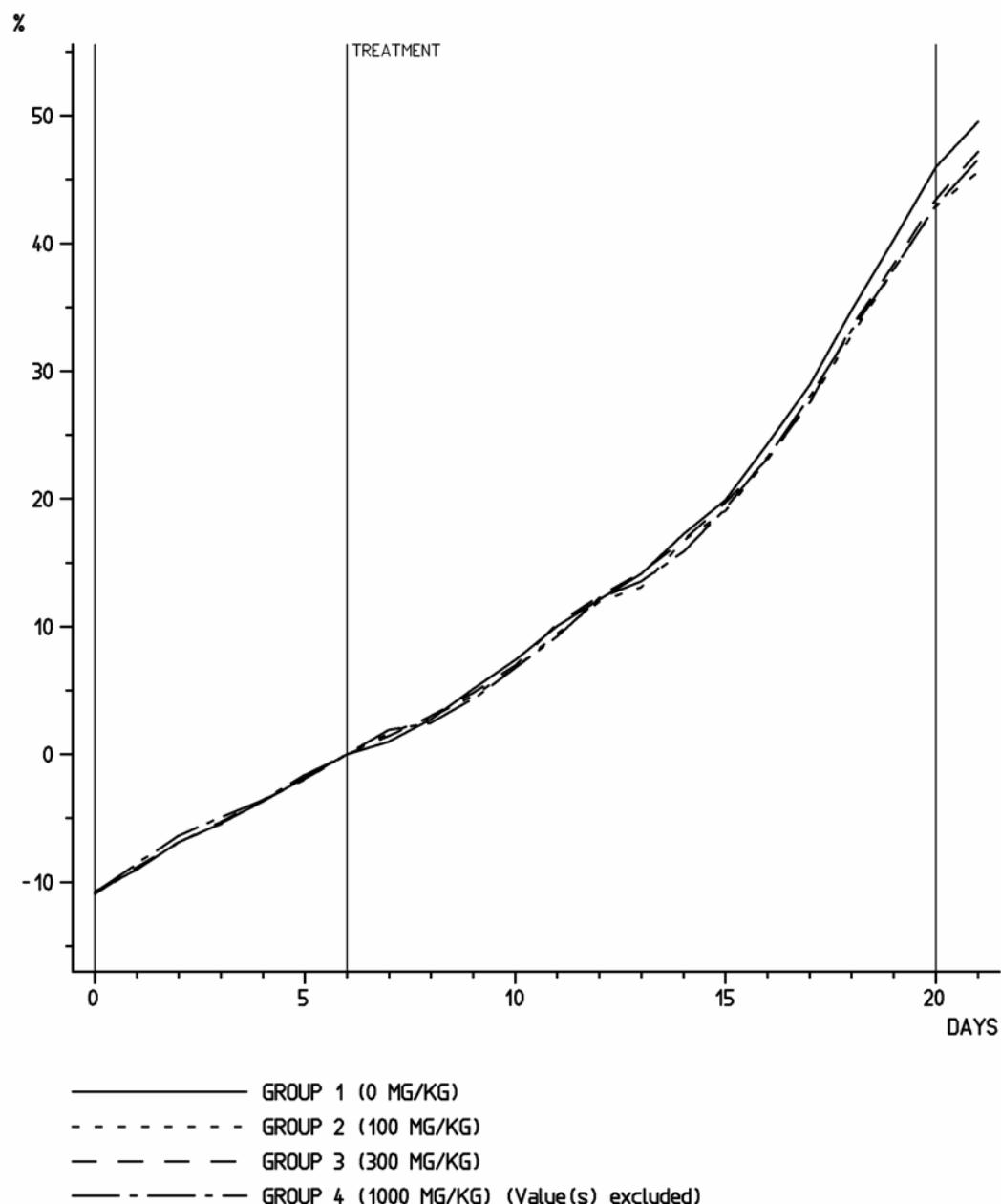
FOOD CONSUMPTION OF DAMS PARENTAL GENERATION - POST COITUM



BODY WEIGHTS OF DAMS PARENTAL GENERATION - POST COITUM



BODY WEIGHT GAIN OF DAMS PARENTAL GENERATION - POST COITUM



8 SUMMARY TABLES

Maternal Data

Clinical Signs or Observations

	Group 1 0 mg/kg	Group 2 100 mg/kg	Group 3 300 mg/kg	Group 4 1000 mg/kg
Number of females examined	22	22	22	22
Flank, left, hairless region	1	0	0	0
No clinical signs or observations	21	22	22	22

**FOOD CONSUMPTION (G/ANIMAL/DAY) OF DAMS SUMMARY
PARENTAL GENERATION - POST COITUM**

		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 300 MG/KG	GROUP 4 1000 MG/KG	
DAY	0-3	MEAN ST.DEV. N	18.7 1.6 22	19.0 1.8 22	19.1 2.0 22	18.5 1.4 21
DAY	3-6	MEAN ST.DEV. N	21.1 1.7 22	21.2 1.8 22	21.2 1.8 22	20.3 1.8 21
DAY	6-9	MEAN ST.DEV. N	19.2 1.9 22	19.5 1.9 22	20.0 2.5 22	19.0 1.7 21
DAY	9-12	MEAN ST.DEV. N	21.0 1.9 22	21.7 2.2 22	22.2 2.4 22	20.6 2.4 21
DAY	12-15	MEAN ST.DEV. N	22.2 2.3 22	22.3 1.9 22	23.0 2.8 22	21.1 3.5 21
DAY	15-18	MEAN ST.DEV. N	23.3 2.3 22	23.3 2.0 22	24.1 2.3 22	24.2 3.4 21
DAY	18-21	MEAN ST.DEV. N	21.8 3.5 22	21.0 2.4 22	22.7 3.1 22	21.4 3.6 21
MEAN OF MEANS		21.0	21.1	21.8	20.7	

Explanations for excluded data are listed in the tables of individual values
 * / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

Differences in Mean Food Consumption (G/Animal/Day) of Dams

Group (mg/kg)	Days post coitum							
	0 - 3		3 - 6		6 - 9		9 - 12	
	g	(%)*	g	(%)*	g	(%)*	g	(%)*
1 (0)	18.7		21.1		19.2		21.0	
2 (100)	19.0	+1.6	21.2	+0.5	19.5	+1.6	21.7	+3.3
3 (300)	19.1	+2.1	21.2	+0.5	20.0	+4.2	22.2	+5.7
4 (1000)	18.5	-1.1	20.3	-3.8	19.0	-1.0	20.6	-1.9

Group (mg/kg)	Days post coitum							
	12 - 15		15 - 18		18 - 21		6 - 21**	
	g	(%)*	g	(%)*	g	(%)*	g	(%)*
1 (0)	22.2		23.3		21.8		21.5	
2 (100)	22.3	+0.5	23.3	±0.0	21.0	-3.4	21.6	+0.5
3 (300)	23.0	+3.6	24.1	+3.4	22.7	+4.1	22.4	+4.2
4 (1000)	21.1	-5.0	24.2	+4.3	21.4	-1.8	21.3	-0.9

* Percentages refer to the values of group 1.

** The calculations of food consumption during the treatment period started on day 6 post coitum (immediately prior to the first administration) and ended on day 21 post coitum (approximately 24 hours after the last administration).

BODY WEIGHTS (GRAM) OF DAMS SUMMARY
PARENTAL GENERATION - POST COITUM

		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 300 MG/KG	GROUP 4 1000 MG/KG
DAY	0	MEAN ST. DEV. N	198 7.8 22	199 6.8 22	201 9.6 22
DAY	1	MEAN ST. DEV. N	202 8.6 22	203 7.0 22	205 9.9 22
DAY	2	MEAN ST. DEV. N	207 8.5 22	208 7.8 22	210 9.7 22
DAY	3	MEAN ST. DEV. N	210 8.8 22	211 7.8 22	213 10.7 22
DAY	4	MEAN ST. DEV. N	214 8.6 22	215 8.5 22	217 10.7 22
DAY	5	MEAN ST. DEV. N	218 9.4 22	219 8.4 22	221 10.9 22
DAY	6	MEAN ST. DEV. N	222 10.1 22	223 9.2 22	225 11.0 22
DAY	7	MEAN ST. DEV. N	224 9.8 22	227 8.7 22	228 12.0 22
DAY	8	MEAN ST. DEV. N	228 9.6 22	230 10.2 22	232 11.9 22
DAY	9	MEAN ST. DEV. N	233 11.1 22	234 10.5 22	236 12.8 22
DAY	10	MEAN ST. DEV. N	238 10.4 22	238 9.7 22	241 12.4 22
DAY	11	MEAN ST. DEV. N	244 10.9 22	245 12.7 22	248 13.5 22
DAY	12	MEAN ST. DEV. N	249 11.8 22	250 11.7 22	253 14.1 22
DAY	13	MEAN ST. DEV. N	253 10.8 22	253 12.7 22	257 15.2 22
DAY	14	MEAN ST. DEV. N	260 12.4 22	261 13.5 22	263 14.9 22

Explanations for excluded data are listed in the tables of individual values
 * / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

BODY WEIGHTS (GRAM) OF DAMS SUMMARY
PARENTAL GENERATION - POST COITUM

		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 300 MG/KG	GROUP 4 1000 MG/KG
DAY	15	MEAN ST. DEV. N	266 12.4 22	266 14.3 22	270 15.9 22
DAY	16	MEAN ST. DEV. N	276 13.5 22	275 14.9 22	277 16.3 22
DAY	17	MEAN ST. DEV. N	286 13.6 22	285 16.7 22	287 17.4 22
DAY	18	MEAN ST. DEV. N	299 14.8 22	297 17.9 22	301 18.4 22
DAY	19	MEAN ST. DEV. N	311 16.1 22	308 19.3 22	312 18.3 22
DAY	20	MEAN ST. DEV. N	324 16.5 22	319 20.5 22	323 19.9 22
DAY	21	MEAN ST. DEV. N	332 18.9 22	325 20.2 22	331 21.6 22

Explanations for excluded data are listed in the tables of individual values
* / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

**BODY WEIGHT GAIN (%) OF DAMS SUMMARY
PARENTAL GENERATION - POST COITUM**

		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 300 MG/KG	GROUP 4 1000 MG/KG
DAY	0	MEAN ST. DEV. N	-11 1.7 22	-11 1.8 22	-11 2.0 22
DAY	1	MEAN ST. DEV. N	-9 1.6 22	-9 1.5 22	-9 1.5 22
DAY	2	MEAN ST. DEV. N	-7 1.3 22	-7 1.5 22	-7 1.3 22
DAY	3	MEAN ST. DEV. N	-5 1.4 22	-5 1.3 22	-5 1.1 22
DAY	4	MEAN ST. DEV. N	-4 1.2 22	-4 1.2 22	-4 1.2 22
DAY	5	MEAN ST. DEV. N	-2 1.1 22	-2 1.0 22	-2 1.1 22
DAY	6	MEAN ST. DEV. N	0 0.0 22	0 0.0 22	0 0.0 22
DAY	7	MEAN ST. DEV. N	1 1.1 22	2 1.3 22	1 1.1 22
DAY	8	MEAN ST. DEV. N	3 1.4 22	3 1.6 22	3 1.1 22
DAY	9	MEAN ST. DEV. N	5 1.2 22	5 1.6 22	5 1.7 22
DAY	10	MEAN ST. DEV. N	7 1.5 22	7 1.3 22	7 1.6 22
DAY	11	MEAN ST. DEV. N	10 1.2 22	9 2.2 22	10 2.0 22
DAY	12	MEAN ST. DEV. N	12 1.7 22	12 1.9 22	12 1.9 22
DAY	13	MEAN ST. DEV. N	14 1.8 22	13 2.1 22	14 2.0 22
DAY	14	MEAN ST. DEV. N	17 1.4 22	17 2.6 22	17 2.5 22

Explanations for excluded data are listed in the tables of individual values
 * / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

**BODY WEIGHT GAIN (%) OF DAMS SUMMARY
PARENTAL GENERATION - POST COITUM**

		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 300 MG/KG	GROUP 4 1000 MG/KG
DAY	15	MEAN ST. DEV. N	20 1.6 22	19 2.9 22	20 2.7 22
DAY	16	MEAN ST. DEV. N	24 1.9 22	23 3.3 22	23 3.7 21
DAY	17	MEAN ST. DEV. N	29 2.6 22	28 4.4 22	28 4.0 21
DAY	18	MEAN ST. DEV. N	35 3.0 22	33 5.0 22	33 4.0 22
DAY	19	MEAN ST. DEV. N	40 3.1 22	38 5.6 22	38 4.2 22
DAY	20	MEAN ST. DEV. N	46 3.5 22	43 5.9 22	43 5.1 22
DAY	21	MEAN ST. DEV. N	50 4.4 22	46 5.3 22	47 5.4 22

Explanations for excluded data are listed in the tables of individual values
 * / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

Differences in Mean Body Weight Gain (G) of Dams

Group (mg/kg)	Days post coitum									
	0 - 3		3 - 6		6 - 9		9 - 12		12 - 15	
	g	(%)*	g	(%)*	g	(%)*	g	(%)*	g	(%)*
1 (0)	12	+6.1	12	+5.7	11	+5.0	16	+6.9	17	+6.8
2 (100)	12	+6.0	12	+5.7	11	+4.9	16	+6.8	16	+6.4
3 (300)	12	+6.0	12	+5.6	11	+4.9	17	+7.2	17	+6.7
4 (1000)	13	+6.5	12	+5.7	9	+4.0	18	+7.7	16	+6.4

Group (mg/kg)	Days post coitum						Corrected body weight gain % # (see p. 43)
	15 - 18		18 - 21		6 - 21**		
	g	(%)*	g	(%)*	g	(%)*	
1 (0)	33	+12.4	33	+11.0	110	+49.5	12.4
2 (100)	31	+11.7	28	+9.4	102	+45.7	10.3
3 (300)	31	+11.5	30	+10.0	106	+47.1	12.8
4 (1000)	31	+11.6	30	+10.1	104	+46.4	10.1

* Alteration within the respective period.

** The calculations of body weight gain during the treatment period started on day 6 post coitum (immediately prior to the first administration) and ended on day 21 post coitum (approximately 24 hours after the last administration).

Body weight gain on day 21 post coitum corrected for uterus weight.

CORRECTED BODY WEIGHT GAIN OF DAMS
PARENTAL GENERATION - POST COITUM
GROUP 1 (0 MG/KG)

FEMALE	WEIGHT ON DAY 6 P.C. (G)	WEIGHT ON DAY OF SECTION (G)	WEIGHT OF UTERUS (G)	CORRECTED WEIGHT GAIN GRAM<1>	CORRECTED WEIGHT GAIN PERCENT<2>
1	219.0	316.9	54.4	43.4	19.8
2	215.1	319.3	79.2	25.0	11.6
3	210.3	327.3	95.3	21.7	10.3
4	216.5	336.7	74.9	45.3	20.9
5	213.7	315.3	79.1	22.5	10.5
6	225.7	328.1	77.1	25.3	11.2
7	208.7	301.0	82.9	9.4	4.5
8	213.8	327.8	78.8	35.2	16.4
9	215.0	310.5	90.3	5.2	2.4
10	212.3	325.5	80.0	33.2	15.7
11	224.3	321.3	81.3	15.7	7.0
12	238.5	358.0	95.6	23.9	10.0
13	226.0	337.1	89.3	21.9	9.7
14	228.6	344.3	89.1	26.6	11.6
15	213.9	304.8	62.7	28.3	13.2
16	215.5	338.6	83.2	39.8	18.5
17	230.0	352.3	92.4	29.9	13.0
18	240.0	355.3	99.6	15.7	6.5
19	215.0	314.2	87.5	11.7	5.5
20	229.9	346.3	78.7	37.6	16.4
21	243.8	375.5	89.7	42.0	17.2
22	227.0	345.7	71.9	46.8	20.6
N		22	22	22	22
MEAN		82.4	27.6	12.4	
ST. DEV.		10.7	11.9	5.3	

<1> : (Weight on Day of Section) - (Weight on Day 6 P.C.) - (Weight Uterus)
 <2> : Corrected Weight Gain in Percent of Weight on Day 6 P.C.
 */** : Dunnett-Test based on pooled variance significant at level 5% (*) or 1% (**)

CORRECTED BODY WEIGHT GAIN OF DAMS
PARENTAL GENERATION - POST COITUM
GROUP 2 (100 MG/KG)

FEMALE	WEIGHT ON DAY 6 P.C. (G)	WEIGHT ON DAY OF SECTION (G)	WEIGHT OF UTERUS (G)	CORRECTED WEIGHT GAIN GRAM<1>	CORRECTED WEIGHT GAIN PERCENT<2>
23	205.4	268.1	22.3	40.5	19.7
24	213.3	316.9	85.5	18.2	8.5
25	233.8	352.2	84.0	34.3	14.7
26	227.4	329.7	81.2	21.1	9.3
27	216.8	318.0	83.7	17.5	8.1
28	202.0	290.2	76.9	11.2	5.6
29	218.0	332.5	90.5	24.0	11.0
30	221.5	300.0	39.9	38.7	17.5
31	227.5	325.9	74.8	23.6	10.4
32	214.9	319.8	85.9	19.0	8.9
33	237.1	350.7	98.8	14.8	6.2
34	222.7	334.6	85.4	26.5	11.9
35	224.6	326.4	76.0	25.8	11.5
36	230.2	354.1	106.0	17.9	7.8
37	215.0	315.3	81.1	19.2	8.9
38	231.3	324.5	88.4	4.8	2.1
39	224.1	327.5	84.8	18.6	8.3
40	230.3	335.2	84.6	20.3	8.8
41	235.4	341.5	83.9	22.2	9.4
42	225.6	321.3	81.3	14.5	6.4
43	227.8	327.2	73.3	26.2	11.5
44	229.6	345.4	67.8	48.0	20.9
N		22	22	22	22
MEAN		78.9	23.0	10.3	10.3
ST. DEV.		17.7	10.0	4.5	4.5

<1> : (Weight on Day of Section) - (Weight on Day 6 P.C.) - (Weight Uterus)
 <2> : Corrected Weight Gain in Percent of Weight on Day 6 P.C.
 */** : Dunnett-Test based on pooled variance significant at level 5% (*) or 1% (**)

CORRECTED BODY WEIGHT GAIN OF DAMS
PARENTAL GENERATION - POST COITUM
GROUP 3 (300 MG/KG)

FEMALE	WEIGHT ON DAY 6 P.C. (G)	WEIGHT ON DAY OF SECTION (G)	WEIGHT OF UTERUS (G)	CORRECTED WEIGHT GAIN GRAM<1>	CORRECTED WEIGHT GAIN PERCENT<2>
45	212.2	310.4	71.9	26.3	12.4
46	218.8	322.8	75.2	28.9	13.2
47	232.5	334.9	79.9	22.5	9.7
48	206.1	307.3	72.8	28.4	13.8
49	216.6	284.9	30.2	38.2	17.6
50	221.5	343.2	81.0	40.7	18.4
51	230.0	345.6	94.1	21.5	9.3
52	213.4	327.7	77.5	36.7	17.2
53	209.2	295.6	85.9	0.5	0.2
54	220.4	322.8	79.0	23.4	10.6
55	224.6	313.1	65.0	23.5	10.4
56	235.1	358.7	91.3	32.3	13.8
57	224.5	327.9	76.5	26.9	12.0
58	227.6	329.3	72.4	29.3	12.9
59	230.9	342.3	80.7	30.7	13.3
60	221.7	338.0	98.2	18.0	8.1
61	227.6	335.5	80.1	27.8	12.2
62	225.1	343.9	84.2	34.6	15.4
63	231.5	347.9	85.8	30.7	13.2
64	244.7	364.6	90.2	29.8	12.2
65	225.5	319.4	67.2	26.7	11.8
66	253.6	375.0	61.8	59.6	23.5
N		22	22	22	
MEAN		77.3	28.9	12.8	
ST.DEV.		14.0	10.6	4.4	

<1> : (Weight on Day of Section) - (Weight on Day 6 P.C.) - (Weight Uterus)
 <2> : Corrected Weight Gain in Percent of Weight on Day 6 P.C.
 */** : Dunnett-Test based on pooled variance significant at level 5% (*) or 1% (**)

CORRECTED BODY WEIGHT GAIN OF DAMS
PARENTAL GENERATION - POST COITUM
GROUP 4 (1000 MG/KG)

FEMALE	WEIGHT ON DAY 6 P.C. (G)	WEIGHT ON DAY OF SECTION (G)	WEIGHT OF UTERUS (G)	CORRECTED WEIGHT GAIN GRAM<1>	CORRECTED WEIGHT GAIN PERCENT<2>
67	216.2	328.0	73.5	38.3	17.7
68	227.6	317.5	71.9	18.0	7.9
69	209.5	295.6	88.2	-2.1	-1.0
70	197.3	279.0	71.0	10.7	5.4
71	213.6	328.4	94.3	20.5	9.6
72	238.8	344.8	81.0	25.1	10.5
73	218.5	317.7	78.4	20.9	9.5
74	218.4	333.6	78.6	36.6	16.7
75	215.1	327.0	76.5	35.4	16.4
76	225.3	330.7	82.1	23.3	10.4
77	224.6	326.8	90.9	11.3	5.0
78	223.7	321.2	67.2	30.3	13.6
79	212.5	342.4	88.5	41.3	19.5
80	258.1	406.1	93.0	55.0	21.3
81 <NP>	217.8	223.4			
82	212.5	284.0	72.5	-1.0	-0.5
83	215.7	327.8	77.5	34.5	16.0
84	235.5	351.2	94.6	21.1	8.9
85	214.3	284.1	67.7	2.0	0.9
86	235.2	336.5	82.6	18.7	7.9
87	243.2	348.8	97.5	8.1	3.3
88	238.1	350.4	82.5	29.8	12.5
		N	21	21	21
		MEAN	81.4	22.7	10.1
		ST. DEV.	9.2	14.8	6.4

<1> : (Weight on Day of Section) - (Weight on Day 6 P.C.) - (Weight Uterus)
 <2> : Corrected Weight Gain in Percent of Weight on Day 6 P.C.
 */** : Dunnett-Test based on pooled variance significant at level 5% (*) or 1% (**)
 Reason for Exclusion from Evaluation :
 <NP> Not pregnant

REPRODUCTION DATA SUMMARY
PARENTAL GENERATION - POST COITUM

	GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 300 MG/KG	GROUP 4 1000 MG/KG
NUMBER OF DAMS	22	22	22	21
CORPORA LUTEA	316	299	300	278
MEAN (+)	14.4	13.6	13.6	13.2
ST. DEV.	1.6	2.1	1.8	1.2
PRE-IMPLANTATION LOSS	14	24	19	12
% OF CORP. LUTEA (#)	4.4	8.0 #	6.3	4.3
MEAN (+)	0.6	1.1	0.9	0.6
ST. DEV.	0.8	1.8	1.3	0.7
NUMBER OF DAMS AFFECTED	9	11	10	9
IMPLANTATION SITES	302	275	281	266
% OF CORP. LUTEA (#)	95.6	92.0 #	93.7	95.7
MEAN (+)	13.7	12.5	12.8	12.7
ST. DEV.	1.8	3.0	2.1	1.4
POST-IMPLANTATION LOSS	14	6	15	6
% OF IMPL. SITES (#)	4.6	2.2	5.3	2.3
MEAN (+)	0.6	0.3	0.7	0.3
ST. DEV.	1.0	0.6	1.7	0.5
NUMBER OF DAMS AFFECTED	8	5	7	6
IMPLANTATION SITE SCARS	0	0	0	0
EMBRYONIC/FETAL DEATHS TOTAL	14	6	15	6
EMBRYONIC RESORPTIONS	14	4	15	6
% OF IMPL. SITES (#)	4.6	1.5 #	5.3	2.3
MEAN (+)	0.6	0.2	0.7	0.3
ST. DEV.	1.0	0.5	1.7	0.5
NUMBER OF DAMS AFFECTED	8	3	7	6
FETAL RESORPTIONS	0	2	0	0
% OF IMPL. SITES (#)	0.7			
MEAN (+)	0.1			
ST. DEV.	0.3			
NUMBER OF DAMS AFFECTED	2			
FETUSES				
TOTAL FETUSES	288	269	266	260
% OF IMPL. SITES (#)	95.4	97.8	94.7	97.7
MEAN (+)	13.1	12.2	12.1	12.4
ST. DEV.	1.9	3.0	2.6	1.4
LIVE FETUSES	288	269	266	260
DEAD FETUSES	0	0	0	0
ABNORMAL FETUSES	0	1	2	0
% OF FETUSES (#)	0.4		0.8	
MEAN (+)	0.0		0.1	
ST. DEV.	0.2		0.3	
NUMBER OF DAMS AFFECTED	1		2	
ABNORMAL LIVE FETUSES AT EXTERNAL EXAMINATION	0	1	2	0

*/** : Dunnett-Test based on pooled variance significant at level 5% (*) or 1% (**)
#/## : Fisher's Exact Test significant at level 5% (#) or 1% (##)
+ : Steel Test significant at level 5%

REPRODUCTION DATA SUMMARY
PARENTAL GENERATION - POST COITUM

	GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 300 MG/KG	GROUP 4 1000 MG/KG
NUMBER OF DAMS	22	22	22	21
FETUSES (CONT.)				
ABNORMAL DEAD FETUSES AT EXTERNAL EXAMINATION	0	0	0	0
SEX OF FETUSES				
TOTAL MALES	144	124	122	121
% OF FETUSES (#)	50.0	46.1	45.9	46.5
MEAN (+)	6.5	5.6	5.5	5.8
ST.DEV.	2.4	2.0	2.2	2.0
TOTAL FEMALES	144	145	144	139
% OF FETUSES (#)	50.0	53.9	54.1	53.5
MEAN (+)	6.5	6.6	6.5	6.6
ST.DEV.	2.2	2.4	2.3	2.1
LIVE MALES	144	124	122	121
LIVE FEMALES	144	145	144	139
WEIGHTS OF LIVE FETUSES (G) (LITTER BASIS)				
TOTAL FETUSES				
N (LITTERS)	22	22	22	21
MEAN (*)	4.7	4.8	4.8	4.9
ST.DEV.	0.3	0.3	0.3	0.3
MALES				
N (LITTERS)	22	22	22	21
MEAN (*)	4.8	4.9	4.9	5.0
ST.DEV.	0.3	0.3	0.3	0.3
FEMALES				
N (LITTERS)	22	22	22	21
MEAN (*)	4.6	4.7	4.7	4.7
ST.DEV.	0.3	0.3	0.3	0.3
WEIGHTS OF LIVE FETUSES (G) (INDIVIDUAL BASIS)				
TOTAL FETUSES				
N (FETUSES)	288	269	266	260
MEAN (*)	4.7	4.8 *	4.7	4.8 **
ST.DEV.	0.4	0.3	0.4	0.4
MALES				
N (FETUSES)	144	124	122	121
MEAN (*)	4.8	4.9	4.9	5.0 *
ST.DEV.	0.3	0.4	0.4	0.4
FEMALES				
N (FETUSES)	144	145	144	139
MEAN (*)	4.5	4.7 **	4.6	4.7 **
ST.DEV.	0.4	0.3	0.4	0.3

*/** : Dunnett-Test based on pooled variance significant at level 5% (*) or 1% (**)
#/## : Fisher's Exact Test significant at level 5% (#) or 1% (##)
+ : Steel Test significant at level 5%

Macroscopical Findings

	Group 1 0 mg/kg	Group 2 100 mg/kg	Group 3 300 mg/kg	Group 4 1000 mg/kg
Number of females examined	22	22	22	22
No abnormal findings	22	22	22	22

Fetal Data

External Examination of Fetuses

Group (mg/kg)	Number of fetuses examined	Type of abnormal finding(s)	Litter No.	Fetus No./Sex
1 (0)	288	No findings		
2 (100)	269	Hind limb right, malrotated	33	585/F
3 (300)	266	Hind limb right, malrotated	52	440/F
4 (1000)	260	No findings	61	924/F

F = Female fetus

BODY WEIGHTS OF LIVE FETUSES SUMMARY (PER DAM)
PARENTAL GENERATION - POST COITUM
GROUP 1 (0 MG/KG)

LITTER	- MALES AND FEMALES -			----- MALES -----			----- FEMALES -----		
	N	MEAN (G)	ST. DEV.	N	MEAN (G)	ST. DEV.	N	MEAN (G)	ST. DEV.
1	8	5.0	0.2	3	5.0	0.0	5	5.0	0.2
2	13	4.6	0.3	6	4.8	0.2	7	4.5	0.3
3	15	4.9	0.3	6	5.1	0.2	9	4.7	0.2
4	11	5.0	0.2	7	5.1	0.3	4	4.9	0.2
5	13	4.6	0.2	5	4.7	0.3	8	4.5	0.2
6	12	4.9	0.3	9	5.0	0.2	3	4.7	0.4
7	15	4.1	0.3	7	4.2	0.3	8	4.0	0.2
8	12	5.1	0.3	6	5.2	0.2	6	4.9	0.2
9	16	4.2	0.3	7	4.3	0.2	9	4.1	0.3
10	12	5.0	0.2	3	5.0	0.3	9	4.9	0.2
11	13	4.7	0.3	6	4.8	0.2	7	4.6	0.3
12	15	4.6	0.3	10	4.8	0.2	5	4.3	0.3
13	13	5.1	0.3	8	5.2	0.3	5	4.9	0.2
14	14	4.6	0.2	6	4.7	0.3	8	4.5	0.2
15	10	4.6	0.3	3	5.0	0.2	7	4.5	0.2
16	14	4.4	0.2	3	4.5	0.1	11	4.3	0.2
17	14	5.0	0.2	6	5.1	0.2	8	4.9	0.2
18	16	4.7	0.4	11	4.8	0.3	5	4.4	0.4
19	14	4.6	0.3	6	4.9	0.2	8	4.4	0.2
20	13	4.4	0.3	8	4.6	0.1	5	4.2	0.3
21	14	4.9	0.2	11	4.9	0.3	3	4.8	0.0
22	11	4.6	0.2	7	4.7	0.2	4	4.4	0.2
N	288	22		144	22		144	22	
MEAN (G)	13.1	4.7		6.5	4.8		6.5	4.6	
ST. DEV.	1.9	0.3		2.4	0.3		2.2	0.3	

BODY WEIGHTS OF LIVE FETUSES SUMMARY (PER DAM)
PARENTAL GENERATION - POST COITUM
GROUP 2 (100 MG/KG)

LITTER	- MALES AND FEMALES -			----- MALES -----			----- FEMALES -----		
	N	MEAN (G)	ST. DEV.	N	MEAN (G)	ST. DEV.	N	MEAN (G)	ST. DEV.
23	3	5.5	0.2	1	5.7		2	5.4	0.0
24	13	4.9	0.3	8	4.9	0.3	5	4.9	0.2
25	13	5.0	0.4	9	5.1	0.5	4	4.9	0.2
26	13	4.7	0.3	3	5.0	0.3	10	4.6	0.2
27	13	4.5	0.2	7	4.6	0.2	6	4.5	0.2
28	13	4.3	0.2	8	4.4	0.2	5	4.1	0.2
29	14	4.9	0.2	4	5.1	0.2	10	4.9	0.1
30	5	5.4	0.3	2	5.7	0.4	3	5.2	0.1
31	11	4.9	0.2	6	5.0	0.2	5	4.9	0.2
32	14	4.6	0.3	4	4.6	0.5	10	4.6	0.3
33	16	4.7	0.2	8	4.8	0.2	8	4.6	0.2
34	13	4.9	0.3	6	5.1	0.1	7	4.7	0.3
35	12	4.7	0.4	6	5.0	0.3	6	4.4	0.3
36	15	4.9	0.2	5	5.0	0.3	10	4.9	0.2
37	12	5.1	0.2	5	5.2	0.3	7	5.0	0.2
38	14	4.7	0.3	7	4.9	0.2	7	4.5	0.2
39	14	4.5	0.3	5	4.6	0.2	9	4.4	0.3
40	14	4.6	0.2	6	4.7	0.2	8	4.6	0.2
41	13	4.7	0.2	8	4.8	0.2	5	4.7	0.1
42	13	4.5	0.2	5	4.6	0.1	8	4.5	0.2
43	11	4.9	0.2	5	5.1	0.2	6	4.9	0.1
44	10	4.9	0.1	6	5.0	0.1	4	4.8	0.1
N	269	22		124	22		145	22	
MEAN (G)	12.2	4.8		5.6	4.9		6.6	4.7	
ST. DEV.	3.0	0.3		2.0	0.3		2.4	0.3	

BODY WEIGHTS OF LIVE FETUSES SUMMARY (PER DAM)
PARENTAL GENERATION - POST COITUM
GROUP 3 (300 MG/KG)

LITTER	- MALES AND FEMALES -			----- MALES -----			----- FEMALES -----		
	N	MEAN (G)	ST. DEV.	N	MEAN (G)	ST. DEV.	N	MEAN (G)	ST. DEV.
45	12	4.6	0.3	5	4.7	0.1	7	4.5	0.3
46	11	5.1	0.3	7	5.3	0.2	4	4.9	0.1
47	12	5.0	0.3	5	5.1	0.1	7	4.9	0.4
48	11	4.9	0.1	2	4.8	0.1	9	4.9	0.1
49	4	5.2	0.3	3	5.3	0.3	1	5.0	
50	13	4.5	0.3	6	4.7	0.2	7	4.4	0.2
51	15	4.8	0.3	10	4.9	0.2	5	4.6	0.2
52	12	4.8	0.2	3	4.8	0.2	9	4.8	0.2
53	14	4.7	0.3	7	4.9	0.2	7	4.5	0.2
54	12	4.9	0.2	6	5.0	0.1	6	4.9	0.2
55	9	5.3	0.2	6	5.4	0.1	3	5.1	0.1
56	14	4.7	0.3	9	4.7	0.4	5	4.6	0.1
57	12	4.5	0.3	3	4.7	0.2	9	4.4	0.2
58	11	4.9	0.3	5	5.0	0.2	6	4.8	0.3
59	12	5.0	0.3	4	5.3	0.1	8	4.9	0.2
60	16	4.5	0.2	5	4.6	0.3	11	4.4	0.2
61	12	5.0	0.3	6	5.1	0.2	6	4.9	0.3
62	13	4.8	0.2	8	4.9	0.2	5	4.6	0.1
63	13	5.0	0.3	7	5.2	0.1	6	4.8	0.3
64	17	3.9	0.5	8	3.9	0.5	9	4.0	0.5
65	11	4.5	0.2	5	4.6	0.2	6	4.4	0.2
66	10	4.3	0.6	2	4.6	0.0	8	4.2	0.7
N	266	22		122	22		144	22	
MEAN (G)	12.1	4.8		5.5	4.9		6.5	4.7	
ST. DEV.	2.6	0.3		2.2	0.3		2.3	0.3	

BODY WEIGHTS OF LIVE FETUSES SUMMARY (PER DAM)
PARENTAL GENERATION - POST COITUM
GROUP 4 (1000 MG/KG)

LITTER	- MALES AND FEMALES -			----- MALES -----			----- FEMALES -----		
	N	MEAN (G)	ST. DEV.	N	MEAN (G)	ST. DEV.	N	MEAN (G)	ST. DEV.
67	10	5.4	0.3	3	5.6	0.2	7	5.2	0.3
68	11	4.8	0.3	3	5.0	0.4	8	4.7	0.2
69	13	5.0	0.3	10	5.2	0.2	3	4.6	0.1
70	12	4.6	0.2	7	4.6	0.2	5	4.6	0.1
71	14	4.9	0.3	4	5.1	0.1	10	4.8	0.3
72	12	5.0	0.3	4	5.2	0.2	8	4.9	0.2
73	12	4.9	0.2	6	5.0	0.1	6	4.8	0.2
74	12	5.0	0.2	7	5.1	0.1	5	4.8	0.2
75	11	5.2	0.2	6	5.3	0.1	5	5.2	0.2
76	12	4.9	0.3	3	4.9	0.3	9	4.9	0.3
77	14	4.8	0.3	4	4.8	0.1	10	4.7	0.3
78	10	4.8	0.3	4	5.1	0.2	6	4.7	0.2
79	13	4.9	0.2	7	5.0	0.2	6	4.9	0.2
80	13	5.2	0.3	5	5.4	0.3	8	5.1	0.2
81 <NP>									
82	12	4.3	0.3	5	4.6	0.1	7	4.1	0.3
83	11	5.2	0.3	8	5.3	0.2	3	4.9	0.3
84	15	4.4	0.2	8	4.5	0.3	7	4.4	0.2
85	12	4.3	0.2	6	4.3	0.2	6	4.2	0.1
86	13	4.7	0.2	9	4.8	0.2	4	4.5	0.2
87	15	4.8	0.1	5	4.9	0.1	10	4.7	0.1
88	13	4.7	0.3	7	4.9	0.2	6	4.4	0.2
N	260	21		121	21		139	21	
MEAN (G)	12.4	4.9		5.8	5.0		6.6	4.7	
ST. DEV.	1.4	0.3		2.0	0.3		2.1	0.3	

Reason for Exclusion from Evaluation :
<NP> Not pregnant

Visceral Examination of Fetuses (Microdissection Technique) Summary Data

		Group 1 0 mg/kg	Group 2 100 mg/kg	Group 3 300 mg/kg	Group 4 1000 mg/kg
Number of fetuses examined		149	141	138	136
Number of litters examined		22	22	22	21
Incidences of fetuses/litters with		N %	N %	N %	N %

Abnormalities

Situs inversus	Fetus Litter	2 2	1 9	0	0	0
Pituitary small severe	Fetus Litter	1 1	1 5	0	0	0
Heart interventricular septal defect	Fetus Litter	1 1	1 5	0	0	0

Variations

Brain perimeningeal and/or internal haemorrhage	Fetus Litter	6 4	4 18	6 6	4 27	1 1	1 5	3 3	2 14
Pituitary small	Fetus Litter	0		0		1 1	1 5	0	
Eye small	Fetus Litter	0		0		1 1	1 5	0	
Eye internal or extraocular haemorrhage	Fetus Litter	2 2	1 9	0		0		1 1	
Thymus long cranial	Fetus Litter	7 6	5 27	8 6	6 27	5 5	4 23	7 6	5 29
Common carotid artery origin malpositioned	Fetus Litter	0		0		0		1 1	
Subclavian artery origin malpositioned	Fetus Litter	0		2 2	1 9	0		0	
Aortic arch supernumerary branch	Fetus Litter	1 1	1 5	0		0		0	
Azygos vein persisting into abdomen	Fetus Litter	0		0		1 1	1 5	0	
Lung abnormal lobation	Fetus Litter	2 2	1 9	2 2	1 9	1 1	1 5	0	

Visceral Examination of Fetuses (Microdissection Technique) Summary Data

		Group 1 0 mg/kg	Group 2 100 mg/kg	Group 3 300 mg/kg	Group 4 1000 mg/kg
Number of fetuses examined		149	141	138	136
Number of litters examined		22	22	22	21
Incidences of fetuses/litters with		N %	N %	N %	N %

Variations continued

Diaphragm tendinous region thin localized	Fetus Litter	6 5	4 23	5 4	4 18	6 5	4 23	2 2	1 10
Liver abnormal lobation	Fetus Litter	5 5	3 23	5 5	4 23	12 7	9 32	8 7	6 33
Renal pelvis and/or ureter dilated	Fetus Litter	1 1	1 5	2 2	1 9	2 2	1 9	1 1	1 5
Umbilical artery left-sided	Fetus Litter	18 13	12 59	22 12	16 55	16 11	12 50	20 13	15 62
Testis malpositioned	Fetus Litter	2 2	1 9	0		3 3	2 14	2 2	1 10
Subcutaneous haemorrhage	Fetus Litter	13 8	9 36	10 7	7 32	8 5	6 23	7 7	5 33
Eye lenticular lesion - possible fixation artefact	Fetus Litter	0		0		1 1	1 5	0	
Fetuses with abnormality		3	2	0		0		0	
Litters with abnormality		3	14						
Fetuses with any finding		50	34	51	36	43	31	48	35
Litters with any finding		22	100	20	91	19	86	21	100

Skeletal Examination of Fetuses Summary Data

		Group 1 0 mg/kg	Group 2 100 mg/kg	Group 3 300 mg/kg	Group 4 1000 mg/kg
Number of fetuses examined		139	128	128	124
Number of litters examined		22	22	22	21
Incidences of fetuses/litters with		N	%	N	%
<i>Bone and cartilage abnormalities</i>					
Hyoid arch supernumerary greater horn	Fetus Litter	1 1	1 5	0	0
Costal cartilage malpositioned and/or short and fused	Fetus Litter	0		1 1 5	1 1 5
<i>Bone variations</i>					
Skull zygomatic arch fusion	Fetus Litter	3 2	2 9	5 3	4 14
Cervical rib	Fetus Litter	1 1	1 5	2 2	2 9
Thoracic vertebral body dumbbell ossification or bipartite ossification	Fetus Litter	1 1	1 5	1 1	1 5
Thoracic vertebral body incomplete ossification or unilateral ossification	Fetus Litter	0		2 2	2 9
Rib wavy	Fetus Litter	2 2	1 9	0	
Floating rib branched	Fetus Litter	0		1 1	1 5
Sternebra offset ossification sites	Fetus Litter	0		1 1	1 5
Sternebra bipartite ossification	Fetus Litter	1 1	1 5	4 2	3 9
Sternebra dumbbell ossification	Fetus Litter	2 1	1 5	1 1	1 5
Sternebra increased ossification	Fetus Litter	1 1	1 5	0	
Lumbar vertebral arch increased ossification	Fetus Litter	5 3	4 14	3 3	2 14
Pelvic girdle malpositioned	Fetus Litter	6 4	4 18	12 7	9 32
				16 10	13 45
				13 7	10 33

Skeletal Examinations of Fetuses Summary Data

		Group 1 0 mg/kg	Group 2 100 mg/kg	Group 3 300 mg/kg	Group 4 1000 mg/kg
Number of fetuses examined		139	128	128	124
Number of litters examined		22	22	22	21
Incidences of fetuses/litters with		N	%	N	%
<i>Cartilage variations</i>					
Cervical vertebral body dumbbell-shaped	Fetus	1	1	1	0
	Litter	1	5	1	5
Thoracic vertebral body dumbbell-shaped	Fetus	1	1	1	0
	Litter	1	5	1	5
Costal cartilages asymmetrically aligned at sternum	Fetus	1	1	8	6
	Litter	1	5	6	27
				3	2
				3	14
Costal cartilage fused	Fetus	0		1	1
	Litter			1	5
Sternal cartilage hole	Fetus	0		1	1
	Litter			1	5
Fetuses with abnormality		1	1	1	1
Litters with abnormality		1	5	1	5
Fetuses with any finding		24	17	34	27
Litters with any finding		12	55	16	73
				15	68
				13	62

BONE EXAMINATIONS SUMMARY
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
ON A FETUS BASIS

	GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 300 MG/KG	GROUP 4 1000 MG/KG
NUMBER OF FETUSES EXAMINED	139	128	128	124
ABNORMAL FINDING(S) (SHOWN ON PREVIOUS PAGE(S))	22 16%	28 22%	22 17%	23 19%
CRANIUM				
INCOMPLETELY OSSIFIED				
OS OCCIPITALE	2 1%	0	0	1 1%
OS PARIETALE, BILATERAL	2 1%	2 2%	2 2%	1 1%
OS INTERPARIETALE	14 10%	8 6%	10 8%	11 9%
OS PARIETALE, LEFT	1 1%	0	0	0
OS PARIETALE, RIGHT	0	0	2 2%	0
OS HYOIDEUM	2 1%	0	1 1%	0
ZYGOMATIC PROCESS OF MAXILLA, LEFT	2 1%	0	0	0
ZYGOMATIC PROCESS OF MAXILLA, RIGHT	2 1%	0	0	0
JUGAL, LEFT	2 1%	0	0	0
JUGAL, RIGHT	2 1%	0	0	0
ZYGOMATIC PROCESS OF SQUAMOSAL, LEFT	2 1%	0	0	0
ZYGOMATIC PROCESS OF SQUAMOSAL, RIGH	1 1%	0	0	0
CERVICAL VERTEBRAE				
NON-OSSIFIED				
CERVICAL VERTEBRAL BODY 1	25 18%	22 17%	17 13%	18 15%
CERVICAL VERTEBRAL BODY 2	14 10%	24 19% #	16 13%	5 4% #
CERVICAL VERTEBRAL BODY 3	12 9%	20 16%	14 11%	4 3%
CERVICAL VERTEBRAL BODY 4	8 6%	12 9%	8 6%	4 3%
CERVICAL VERTEBRAL BODY 5	7 5%	11 9%	8 6%	3 2%
CERVICAL VERTEBRAL BODY 6	3 2%	4 3%	4 3%	3 2%
CERVICAL VERTEBRAL BODY 7	2 1%	4 3%	1 1%	1 1%
THORACIC VERTEBRAE				
INCOMPLETELY OSSIFIED				
THORACIC VERTEBRAL BODY 2	2 1%	4 3%	0	0
THORACIC VERTEBRAL BODY 3	0	1 1%	0	0
NON-OSSIFIED				
THORACIC VERTEBRAL BODY 1	2 1%	4 3%	0	0
SACRAL VERTEBRAE				
INCOMPLETELY OSSIFIED				
SACRAL VERTEBRA 2	2 1%	4 3%	0	0
SACRAL VERTEBRA 3	2 1%	4 3%	0	0
SACRAL VERTEBRA 4	2 1%	4 3%	0	0
CAUDAL VERTEBRAE				
NON-OSSIFIED				
CAUDAL VERTEBRAE, SOME	7 5%	3 2%	2 2%	1 1% #
CAUDAL VERTEBRAE, ALL	0	2 2%	0	0
STERNUM				
INCOMPLETELY OSSIFIED				
STERNEBRA 1	2 1%	1 1%	2 2%	0
STERNEBRA 2	0	0	3 2%	1 1%
STERNEBRA 3	2 1%	1 1%	0	1 1%
STERNEBRA 4	2 1%	3 2%	0	0
STERNEBRA 5	8 6%	7 5%	6 5%	1 1% #
STERNEBRA 6	1 1%	4 3%	2 2%	0

#/# : Fisher's Exact Test significant at level 5% (#) or 1% (##)

BONE EXAMINATIONS SUMMARY
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
ON A FETUS BASIS

	GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 300 MG/KG	GROUP 4 1000 MG/KG
NUMBER OF FETUSES EXAMINED	139	128	128	124
<hr/>				
STERNUM				
NON-OSSIFIED				
STERNEBRA 1	0	3 2%	0	0
STERNEBRA 2	2 1%	4 3%	1 1%	1 1%
STERNEBRA 3	0	2 2%	0	0
STERNEBRA 4	0	1 1%	0	0
STERNEBRA 5	4 3%	5 4%	1 1%	0
RIB(S), LEFT				
SUPERNUMERARY, ONE RIB(S), LEFT	1 1%	3 2%	5 4%	2 2%
SUPERNUMERARY, ONE RUDIMENTARY RIB(S), LEFT	26 19%	34 27%	55 43% ##	40 32% ##
RIB(S), RIGHT				
SUPERNUMERARY, ONE RIB(S), RIGHT	1 1%	2 2%	3 2%	1 1%
SUPERNUMERARY, ONE RUDIMENTARY RIB(S), RIGHT	22 16%	37 29% ##	50 39% ##	41 33% ##
PELVIS				
INCOMPLETELY OSSIFIED				
OS PUBIS LEFT	0	1 1%	0	0
OS PUBIS RIGHT	0	1 1%	0	0
NON-OSSIFIED				
OS PUBIS LEFT	2 1%	3 2%	0	0
OS PUBIS RIGHT	2 1%	3 2%	0	0
LEFT FORELIMB				
NON-OSSIFIED				
DIGIT 2 PROXIMAL PHALANX, LEFT	27 19%	13 10% #	14 11% #	8 6% ##
DIGIT 3 PROXIMAL PHALANX, LEFT	4 3%	4 3%	0	0
DIGIT 4 PROXIMAL PHALANX, LEFT	5 4%	4 3%	1 1%	1 1%
METACARPALIA 5, LEFT	2 1%	4 3%	0	1 1%
DIGIT 5 PROXIMAL PHALANX, LEFT	43 31%	27 21% #	20 16% ##	14 11% ##
RIGHT FORELIMB				
NON-OSSIFIED				
DIGIT 2 PROXIMAL PHALANX, RIGHT	24 17%	11 9% #	14 11%	9 7% #
DIGIT 3 PROXIMAL PHALANX, RIGHT	4 3%	4 3%	0	0
DIGIT 4 PROXIMAL PHALANX, RIGHT	7 5%	4 3%	0	1 1% #
METACARPALIA 5, RIGHT	2 1%	4 3%	0	1 1%
DIGIT 5 PROXIMAL PHALANX, RIGHT	39 28%	24 19% #	20 16% #	14 11% ##
LEFT HIND LIMB				
NON-OSSIFIED				
TALUS LEFT	105 76%	93 73%	87 68%	70 56% ##
METATARSALIA 1, LEFT	10 7%	10 8%	1 1% ##	0 ##
TOE 2 PROXIMAL PHALANX, LEFT	27 19%	15 12%	10 8% ##	4 3% ##
TOE 3 PROXIMAL PHALANX, LEFT	24 17%	12 9% #	7 5% ##	1 1% ##
TOE 4 PROXIMAL PHALANX, LEFT	23 17%	12 9%	7 5% ##	1 1% ##
METATARSALIA 5, LEFT	0	1 1%	0	0

#/## : Fisher's Exact Test significant at level 5% (#) or 1% (##)

**BONE EXAMINATIONS SUMMARY ON A FETUS BASIS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
ON A FETUS BASIS**

	GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 300 MG/KG	GROUP 4 1000 MG/KG
NUMBER OF FETUSES EXAMINED	139	128	128	124

LEFT HIND LIMB

NON-OSSIFIED
TOE 5 PROXIMAL PHALANX, LEFT 39 28% 20 16% # 19 15% ## 13 10% ##

RIGHT HIND LIMB

NON-OSSIFIED
TALUS RIGHT 106 76% 92 72% 86 67% 62 50% ##
METATARSALIA 1, RIGHT 11 8% 9 7% 1 1% ## 1 1% ##
TOE 2 PROXIMAL PHALANX, RIGHT 30 22% 14 11% # 12 9% ## 4 3% ##
TOE 3 PROXIMAL PHALANX, RIGHT 25 18% 13 10% # 8 6% ## 2 2% ##
TOE 4 PROXIMAL PHALANX, RIGHT 24 17% 12 9% # 8 6% ## 3 2% ##
METATARSALIA 5, RIGHT 0 0% 1 1% 0 0% 0 0%
TOE 5 PROXIMAL PHALANX, RIGHT 39 28% 21 16% # 19 15% ## 14 11% ##

#/:## : Fisher's Exact Test significant at level 5% (#) or 1% (##)

BONE EXAMINATION SUMMARY
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
ON A LITTER BASIS

	GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 300 MG/KG	GROUP 4 1000 MG/KG
NUMBER OF LITTERS EXAMINED	22	22	22	21
ABNORMAL FINDING(S) (SHOWN ON PREVIOUS PAGE(S))	11 50%	15 68%	14 64%	12 57%
CRANIUM				
INCOMPLETELY OSSIFIED				
OS OCCIPITALE	1 5%	0	0	1 5%
OS PARIETALE, BILATERAL	1 5%	2 9%	2 9%	1 5%
OS INTERPARIETALE	9 41%	4 18%	6 27%	8 38%
OS PARIETALE, LEFT	1 5%	0	0	0
OS PARIETALE, RIGHT	0	0	2 9%	0
OS HYOIDEUM	1 5%	0	1 5%	0
ZYGOMATIC PROCESS OF MAXILLA, LEFT	1 5%	0	0	0
ZYGOMATIC PROCESS OF MAXILLA, RIGHT	1 5%	0	0	0
JUGAL, LEFT	1 5%	0	0	0
JUGAL, RIGHT	1 5%	0	0	0
ZYGOMATIC PROCESS OF SQUAMOSAL, LEFT	1 5%	0	0	0
ZYGOMATIC PROCESS OF SQUAMOSAL, RIGH	1 5%	0	0	0
CERVICAL VERTEBRAE				
NON-OSSIFIED				
CERVICAL VERTEBRAL BODY 1	12 55%	8 36%	11 50%	12 57%
CERVICAL VERTEBRAL BODY 2	7 32%	8 36%	9 41%	3 14%
CERVICAL VERTEBRAL BODY 3	5 23%	7 32%	8 36%	3 14%
CERVICAL VERTEBRAL BODY 4	6 27%	5 23%	6 27%	3 14%
CERVICAL VERTEBRAL BODY 5	5 23%	6 27%	6 27%	3 14%
CERVICAL VERTEBRAL BODY 6	2 9%	1 5%	4 18%	2 10%
CERVICAL VERTEBRAL BODY 7	1 5%	1 5%	1 5%	1 5%
THORACIC VERTEBRAE				
INCOMPLETELY OSSIFIED				
THORACIC VERTEBRAL BODY 2	1 5%	1 5%	0	0
THORACIC VERTEBRAL BODY 3	0	1 5%	0	0
NON-OSSIFIED				
THORACIC VERTEBRAL BODY 1	1 5%	1 5%	0	0
SACRAL VERTEBRAE				
INCOMPLETELY OSSIFIED				
SACRAL VERTEBRA 2	1 5%	1 5%	0	0
SACRAL VERTEBRA 3	1 5%	1 5%	0	0
SACRAL VERTEBRA 4	1 5%	1 5%	0	0
CAUDAL VERTEBRAE				
NON-OSSIFIED				
CAUDAL VERTEBRAE, SOME	4 18%	2 9%	2 9%	1 5%
CAUDAL VERTEBRAE, ALL	0	1 5%	0	0
STERNUM				
INCOMPLETELY OSSIFIED				
STERNEBRA 1	1 5%	1 5%	2 9%	0
STERNEBRA 2	0	0	3 14%	1 5%
STERNEBRA 3	1 5%	1 5%	0	1 5%
STERNEBRA 4	1 5%	1 5%	0	0
STERNEBRA 5	5 23%	5 23%	5 23%	1 5%
STERNEBRA 6	1 5%	2 9%	1 5%	0

#/# : Fisher's Exact Test significant at level 5% (#) or 1% (##)

BONE EXAMINATION SUMMARY
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
ON A LITTER BASIS

	GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 300 MG/KG	GROUP 4 1000 MG/KG
NUMBER OF LITTERS EXAMINED	22	22	22	21
STERNUM				
NON-OSSIFIED				
STERNEBRA 1	0	1 5%	0	0
STERNEBRA 2	1 5%	1 5%	1 5%	1 5%
STERNEBRA 3	0	1 5%	0	0
STERNEBRA 4	0	1 5%	0	0
STERNEBRA 5	3 14%	2 9%	1 5%	0
RIB(S), LEFT				
SUPERNUMERARY, ONE RIB(S), LEFT	1 5%	2 9%	5 23%	2 10%
SUPERNUMERARY, ONE RUDIMENTARY RIB(S), LEFT	14 64%	14 64%	20 91% #	17 81%
RIB(S), RIGHT				
SUPERNUMERARY, ONE RIB(S), RIGHT	1 5%	2 9%	3 14%	1 5%
SUPERNUMERARY, ONE RUDIMENTARY RIB(S), RIGHT	14 64%	16 73%	20 91% #	17 81%
PELVIS				
INCOMPLETELY OSSIFIED				
OS PUBIS LEFT	0	1 5%	0	0
OS PUBIS RIGHT	0	1 5%	0	0
NON-OSSIFIED				
OS PUBIS LEFT	1 5%	1 5%	0	0
OS PUBIS RIGHT	1 5%	1 5%	0	0
LEFT FORELIMB				
NON-OSSIFIED				
DIGIT 2 PROXIMAL PHALANX, LEFT	12 55%	6 27%	8 36%	6 29%
DIGIT 3 PROXIMAL PHALANX, LEFT	3 14%	1 5%	0	0
DIGIT 4 PROXIMAL PHALANX, LEFT	3 14%	1 5%	1 5%	1 5%
METACARPALIA 5, LEFT	1 5%	1 5%	0	1 5%
DIGIT 5 PROXIMAL PHALANX, LEFT	14 64%	9 41%	12 55%	7 33% #
RIGHT FORELIMB				
NON-OSSIFIED				
DIGIT 2 PROXIMAL PHALANX, RIGHT	10 45%	6 27%	9 41%	6 29%
DIGIT 3 PROXIMAL PHALANX, RIGHT	3 14%	1 5%	0	0
DIGIT 4 PROXIMAL PHALANX, RIGHT	4 18%	1 5%	0	1 5%
METACARPALIA 5, RIGHT	1 5%	1 5%	0	1 5%
DIGIT 5 PROXIMAL PHALANX, RIGHT	13 59%	9 41%	12 55%	7 33%
LEFT HIND LIMB				
NON-OSSIFIED				
TALUS LEFT	21 95%	21 95%	22 100%	21 100%
METATARSALIA 1, LEFT	4 18%	4 18%	1 5%	0
TOE 2 PROXIMAL PHALANX, LEFT	7 32%	4 18%	5 23%	3 14%
TOE 3 PROXIMAL PHALANX, LEFT	7 32%	3 14%	4 18%	1 5% #
TOE 4 PROXIMAL PHALANX, LEFT	7 32%	3 14%	4 18%	1 5% #
METATARSALIA 5, LEFT	0	1 5%	0	0

#/# : Fisher's Exact Test significant at level 5% (#) or 1% (##)

BONE EXAMINATION SUMMARY
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
ON A LITTER BASIS

	GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 300 MG/KG	GROUP 4 1000 MG/KG
NUMBER OF LITTERS EXAMINED	22	22	22	21

LEFT HIND LIMB

NON-OSSIFIED	TOE 5 PROXIMAL PHALANX, LEFT	9 41%	6 27%	6 27%	6 29%
--------------	------------------------------	-------	-------	-------	-------

RIGHT HIND LIMB

NON-OSSIFIED	TALUS RIGHT	20 91%	21 95%	21 95%	19 90%
	METATARSALIA 1, RIGHT	4 18%	3 14%	1 5%	1 5%
	TOE 2 PROXIMAL PHALANX, RIGHT	7 32%	3 14%	5 23%	4 19%
	TOE 3 PROXIMAL PHALANX, RIGHT	7 32%	3 14%	4 18%	2 10%
	TOE 4 PROXIMAL PHALANX, RIGHT	7 32%	3 14%	4 18%	3 14%
	METATARSALIA 5, RIGHT	0	1 5%	0	0
	TOE 5 PROXIMAL PHALANX, RIGHT	8 36%	6 27%	6 27%	7 33%

#/# : Fisher's Exact Test significant at level 5% (#) or 1% (##)

CARTILAGE EXAMINATIONS SUMMARY

ADDITIONAL VARIATIONS
ON A FETUS BASIS

	GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 300 MG/KG	GROUP 4 1000 MG/KG
NUMBER OF FETUSES EXAMINED	139	128	128	124
ABNORMAL FINDING(S) (SHOWN ON PREVIOUS PAGE(S))	3 2%	13 10% ##	3 2%	5 4%
CARTILAGINOUS SKULL STRUCTURES				
WITH SMALL HOLE				
CARTILAGINOUS SUPRA-OCCIPITAL LEFT	8 6%	6 5%	4 3%	1 1% #
CARTILAGINOUS SUPRA-OCCIPITAL RIGHT	7 5%	9 7%	5 4%	6 5%
CARTILAGINOUS CERVICAL VERTEBRAE				
LONG				
VENTRAL PLATE, LEFT	0	1 1%	0	2 2%
VENTRAL PLATE, RIGHT	1	0	0	1 1%
INTERRUPTED				
VENTRAL PLATE, LEFT	0	1 1%	0	0
VENTRAL PLATE, RIGHT	0	0	0	1 1%
CRANIAL SHIFT TO CERVICAL VERTEBRA 5				
VENTRAL PLATE, LEFT	1 1%	2 2%	0	1 1%
VENTRAL PLATE, RIGHT	0	0	1 1%	1 1%
CARTILAGINOUS STERNUM				
BRANCHED				
XIPHOID CARTILAGE	27 19%	20 16%	29 23%	24 19%
WITH SMALL HOLE				
XIPHOID CARTILAGE	30 22%	33 26%	37 29%	40 32% #
COSTAL CARTILAGES				
BRANCHED DISTAL EXTREMITY				
COSTAL CARTILAGE, 8 LEFT	1 1%	1 1%	1 1%	0
COSTAL CARTILAGE, 8 RIGHT	4 3%	2 2%	7 5%	4 3%
SMALL PROTUBERANCE DISTAL EXTREMITY				
COSTAL CARTILAGE, 9 LEFT	1 1%	0	0	0
COSTAL CARTILAGE, 8 RIGHT	1 1%	0	0	0
SMALL HOLE DISTAL EXTREMITY				
COSTAL CARTILAGE, 8 LEFT	1 1%	1 1%	0	0
LONG				
COSTAL CARTILAGE, 11 LEFT	3 2%	6 5%	14 11% ##	8 6%
COSTAL CARTILAGE, 11 RIGHT	3 2%	8 6%	14 11% ##	5 4%
INTERRUPTED				
COSTAL CARTILAGE, 10 LEFT	6 4%	3 2%	1 1%	2 2%
COSTAL CARTILAGE, 11 LEFT	28 20%	32 25%	45 35% ##	45 36% ##
COSTAL CARTILAGE, 10 RIGHT	6 4%	3 2%	0 #	2 2%
COSTAL CARTILAGE, 11 RIGHT	23 17%	28 22%	32 25%	35 28% #
NOT REACHING STERNUM				
COSTAL CARTILAGE, 7 RIGHT	0	0	0	2 2%

#/## : Fisher's Exact Test significant at level 5% (#) or 1% (##)

CARTILAGE EXAMINATIONS SUMMARY

ADDITIONAL VARIATIONS
ON A FETUS BASIS

	GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 300 MG/KG	GROUP 4 1000 MG/KG
NUMBER OF FETUSES EXAMINED	139	128	128	124
<hr/>				
COSTAL CARTILAGE(S), LEFT				
<hr/>				
SUPERNUMERARY, ONE				
COSTAL CARTILAGE(S), LEFT	1 1%	2 2%	5 4%	2 2%
<hr/>				
COSTAL CARTILAGE(S), RIGHT				
<hr/>				
SUPERNUMERARY, ONE				
COSTAL CARTILAGE(S), RIGHT	1 1%	1 1%	3 2%	1 1%

#/# : Fisher's Exact Test significant at level 5% (#) or 1% (##)

CARTILAGE EXAMINATIONS SUMMARY

ADDITIONAL VARIATIONS

ON A LITTER BASIS

	GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 300 MG/KG	GROUP 4 1000 MG/KG
NUMBER OF LITTERS EXAMINED	22	22	22	21
ABNORMAL FINDING(S) (SHOWN ON PREVIOUS PAGE(S))	3 14%	9 41% #	3 14%	4 19%
CARTILAGINOUS SKULL STRUCTURES				
WITH SMALL HOLE				
CARTILAGINOUS SUPRA-OCCIPITAL LEFT	7 32%	6 27%	3 14%	1 5% #
CARTILAGINOUS SUPRA-OCCIPITAL RIGHT	6 27%	7 32%	5 23%	3 14%
CARTILAGINOUS CERVICAL VERTEBRAE				
LONG				
VENTRAL PLATE, LEFT	0	1 5%	0	2 10%
VENTRAL PLATE, RIGHT	1	0	0	1 5%
INTERRUPTED				
VENTRAL PLATE, LEFT	0	1 5%	0	0
VENTRAL PLATE, RIGHT	0	0	0	1 5%
CRANIAL SHIFT TO CERVICAL VERTEBRA 5				
VENTRAL PLATE, LEFT	1 5%	2 9%	0	1 5%
VENTRAL PLATE, RIGHT	0	0	1 5%	1 5%
CARTILAGINOUS STERNUM				
BRANCHED				
XIPHOID CARTILAGE	16 73%	15 68%	14 64%	13 62%
WITH SMALL HOLE				
XIPHOID CARTILAGE	17 77%	15 68%	18 82%	19 90%
COSTAL CARTILAGES				
BRANCHED DISTAL EXTREMITY				
COSTAL CARTILAGE, 8 LEFT	1 5%	1 5%	1 5%	0
COSTAL CARTILAGE, 8 RIGHT	4 18%	2 9%	6 27%	3 14%
SMALL PROTUBERANCE DISTAL EXTREMITY				
COSTAL CARTILAGE, 9 LEFT	1 5%	0	0	0
COSTAL CARTILAGE, 8 RIGHT	1 5%	0	0	0
SMALL HOLE DISTAL EXTREMITY				
COSTAL CARTILAGE, 8 LEFT	1 5%	1 5%	0	0
LONG				
COSTAL CARTILAGE, 11 LEFT	3 14%	4 18%	10 45% #	8 38%
COSTAL CARTILAGE, 11 RIGHT	2 9%	6 27%	9 41% #	4 19%
INTERRUPTED				
COSTAL CARTILAGE, 10 LEFT	5 23%	2 9%	1 5%	2 10%
COSTAL CARTILAGE, 11 LEFT	16 73%	15 68%	21 95% #	20 95%
COSTAL CARTILAGE, 10 RIGHT	5 23%	3 14%	0 #	1 5%
COSTAL CARTILAGE, 11 RIGHT	13 59%	12 55%	15 68%	15 71%
NOT REACHING STERNUM				
COSTAL CARTILAGE, 7 RIGHT	0	0	0	2 10%

#/# : Fisher's Exact Test significant at level 5% (#) or 1% (##)

CARTILAGE EXAMINATIONS SUMMARY

ADDITIONAL VARIATIONS

ON A LITTER BASIS

	GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 300 MG/KG	GROUP 4 1000 MG/KG
NUMBER OF LITTERS EXAMINED	22	22	22	21
<hr/>				
COSTAL CARTILAGE(S), LEFT				
<hr/>				
SUPERNUMERARY, ONE COSTAL CARTILAGE(S), LEFT	1 5%	1 5%	5 23%	2 10%
<hr/>				
COSTAL CARTILAGE(S), RIGHT				
<hr/>				
SUPERNUMERARY, ONE COSTAL CARTILAGE(S), RIGHT	1 5%	1 5%	3 14%	1 5%

#/# : Fisher's Exact Test significant at level 5% (#) or 1% (##)

9 INDIVIDUAL TABLES

Maternal Data

Clinical Signs or Observations

Group 1 (0 mg/kg)

Female No.	Noted on days										
	1	2	3	4	5	6	7	8	9	10	11
1	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-

- No clinical signs or observations were noted

Clinical Signs or Observations

Group 1 (0 mg/kg), cont'd

Female No.	Noted on days										
	12	13	14	15	16	17	18	19	20	21	
1	-	-	-	-	-	-	-	-	-	-	
2	-	-	-	-	-	-	-	-	-	-	
3	-	-	-	-	-	-	-	-	-	-	
4	-	-	-	-	-	-	-	-	-	-	
5	-	-	-	-	-	-	-	-	-	-	
6	-	-	-	-	-	-	-	-	-	-	
7	-	-	-	-	-	-	-	-	-	-	
8	-	-	-	-	-	-	-	-	-	-	
9	-	-	-	-	-	-	-	-	-	-	
10	-	-	-	-	-	-	-	-	-	-	
11	-	-	-	-	-	-	-	-	-	-	
12	-	-	-	-	-	-	-	-	-	-	
13	-	-	-	-	-	-	-	-	-	-	
14	-	-	-	-	-	-	-	-	-	-	
15	-	-	-	-	-	-	A	A	A	A	
16	-	-	-	-	-	-	-	-	-	-	
17	-	-	-	-	-	-	-	-	-	-	
18	-	-	-	-	-	-	-	-	-	-	
19	-	-	-	-	-	-	-	-	-	-	
20	-	-	-	-	-	-	-	-	-	-	
21	-	-	-	-	-	-	-	-	-	-	
22	-	-	-	-	-	-	-	-	-	-	

- No clinical signs or observations were noted

A = Left flank, hairless region

Clinical Signs or Observations

Group 2 (100 mg/kg)

Female No.	Noted on days										
	1	2	3	4	5	6	7	8	9	10	11
23	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	-	-	-
38	-	-	-	-	-	-	-	-	-	-	-
39	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-
41	-	-	-	-	-	-	-	-	-	-	-
42	-	-	-	-	-	-	-	-	-	-	-
43	-	-	-	-	-	-	-	-	-	-	-
44	-	-	-	-	-	-	-	-	-	-	-

- No clinical signs or observations were noted

Clinical Signs or Observations

Group 2 (100 mg/kg), cont'd

Female No.	Noted on days										
	12	13	14	15	16	17	18	19	20	21	
23	-	-	-	-	-	-	-	-	-	-	
24	-	-	-	-	-	-	-	-	-	-	
25	-	-	-	-	-	-	-	-	-	-	
26	-	-	-	-	-	-	-	-	-	-	
27	-	-	-	-	-	-	-	-	-	-	
28	-	-	-	-	-	-	-	-	-	-	
29	-	-	-	-	-	-	-	-	-	-	
30	-	-	-	-	-	-	-	-	-	-	
31	-	-	-	-	-	-	-	-	-	-	
32	-	-	-	-	-	-	-	-	-	-	
33	-	-	-	-	-	-	-	-	-	-	
34	-	-	-	-	-	-	-	-	-	-	
35	-	-	-	-	-	-	-	-	-	-	
36	-	-	-	-	-	-	-	-	-	-	
37	-	-	-	-	-	-	-	-	-	-	
38	-	-	-	-	-	-	-	-	-	-	
39	-	-	-	-	-	-	-	-	-	-	
40	-	-	-	-	-	-	-	-	-	-	
41	-	-	-	-	-	-	-	-	-	-	
42	-	-	-	-	-	-	-	-	-	-	
43	-	-	-	-	-	-	-	-	-	-	
44	-	-	-	-	-	-	-	-	-	-	

- No clinical signs or observations were noted

Clinical Signs or Observations

Group 3 (300 mg/kg)

Female No.	Noted on days										
	1	2	3	4	5	6	7	8	9	10	11
45	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-
64	-	-	-	-	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	-	-	-	-
66	-	-	-	-	-	-	-	-	-	-	-

- No clinical signs or observations were noted

Clinical Signs or Observations

Group 3 (300 mg/kg), cont'd

Female No.	Noted on days									
	12	13	14	15	16	17	18	19	20	21
45	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-
64	-	-	-	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	-	-	-
66	-	-	-	-	-	-	-	-	-	-

- No clinical signs or observations were noted

Clinical Signs or Observations

Group 4 (1000 mg/kg)

Female No.	Noted on days										
	1	2	3	4	5	6	7	8	9	10	11
67	-	-	-	-	-	-	-	-	-	-	-
68	-	-	-	-	-	-	-	-	-	-	-
69	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	-	-	-	-
72	-	-	-	-	-	-	-	-	-	-	-
73	-	-	-	-	-	-	-	-	-	-	-
74	-	-	-	-	-	-	-	-	-	-	-
75	-	-	-	-	-	-	-	-	-	-	-
76	-	-	-	-	-	-	-	-	-	-	-
77	-	-	-	-	-	-	-	-	-	-	-
78	-	-	-	-	-	-	-	-	-	-	-
79	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-	-
81	-	-	-	-	-	-	-	-	-	-	-
82	-	-	-	-	-	-	-	-	-	-	-
83	-	-	-	-	-	-	-	-	-	-	-
84	-	-	-	-	-	-	-	-	-	-	-
85	-	-	-	-	-	-	-	-	-	-	-
86	-	-	-	-	-	-	-	-	-	-	-
87	-	-	-	-	-	-	-	-	-	-	-
88	-	-	-	-	-	-	-	-	-	-	-

- No clinical signs or observations were noted

Clinical Signs or Observations

Group 4 (1000 mg/kg), cont'd

Female No.	Noted on days									
	12	13	14	15	16	17	18	19	20	21
67	-	-	-	-	-	-	-	-	-	-
68	-	-	-	-	-	-	-	-	-	-
69	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	-	-	-
72	-	-	-	-	-	-	-	-	-	-
73	-	-	-	-	-	-	-	-	-	-
74	-	-	-	-	-	-	-	-	-	-
75	-	-	-	-	-	-	-	-	-	-
76	-	-	-	-	-	-	-	-	-	-
77	-	-	-	-	-	-	-	-	-	-
78	-	-	-	-	-	-	-	-	-	-
79	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
81	-	-	-	-	-	-	-	-	-	-
82	-	-	-	-	-	-	-	-	-	-
83	-	-	-	-	-	-	-	-	-	-
84	-	-	-	-	-	-	-	-	-	-
85	-	-	-	-	-	-	-	-	-	-
86	-	-	-	-	-	-	-	-	-	-
87	-	-	-	-	-	-	-	-	-	-
88	-	-	-	-	-	-	-	-	-	-

- No clinical signs or observations were noted

**FOOD CONSUMPTION (G/ANIMAL/DAY) OF DAMS
PARENTAL GENERATION - POST COITUM**

GROUP 1 (0 MG/KG)

DAY ANIMAL	0-3	3-6	6-9	9-12	12-15	15-18	18-21
1	19.5	21.0	19.5	19.6	22.2	22.1	21.8
2	18.1	20.3	18.0	20.2	21.3	22.4	19.8
3	17.5	17.6	16.5	16.8	20.0	20.5	22.1
4	20.9	21.2	20.7	19.7	25.3	24.2	25.5
5	18.0	21.9	19.7	20.1	21.2	22.3	21.4
6	19.1	23.1	18.6	22.7	22.8	25.3	19.8
7	18.9	21.0	18.3	21.2	20.7	22.0	16.1
8	16.8	20.8	17.9	20.2	21.0	23.2	20.4
9	15.0	21.3	16.8	20.3	17.2	19.6	13.4
10	17.5	18.8	17.7	20.3	21.7	23.7	21.9
11	18.7	23.2	22.0	23.5	22.2	23.9	20.5
12	21.5	23.0	22.1	23.6	24.9	25.4	25.0
13	19.6	21.5	18.8	21.9	21.4	22.4	20.8
14	19.4	21.0	20.7	21.3	22.6	22.5	21.6
15	17.0	17.6	16.0	17.8	18.4	19.2	18.8
16	19.3	20.3	17.0	20.9	23.0	25.0	24.9
17	19.6	21.2	18.7	20.7	21.5	24.6	22.8
18	21.7	23.7	21.0	22.6	23.6	26.2	22.0
19	16.4	19.3	18.9	19.2	20.4	21.5	19.7
20	18.9	20.9	22.5	22.5	25.5	23.2	26.2
21	19.5	21.7	20.4	23.5	25.9	29.4	30.0
22	18.8	23.0	19.8	24.1	26.0	24.1	24.9

**FOOD CONSUMPTION (G/ANIMAL/DAY) OF DAMS
PARENTAL GENERATION - POST COITUM**

GROUP 2 (100 MG/KG)

DAY ANIMAL	0-3	3-6	6-9	9-12	12-15	15-18	18-21
23	15.8	17.4	17.7	15.5	19.3	19.0	19.7
24	18.4	21.2	17.0	22.8	21.1	25.0	18.4
25	22.3	26.0	22.9	25.3	25.4	26.2	21.7
26	18.9	20.7	21.9	22.9	22.5	23.1	19.2
27	19.2	20.3	19.5	22.3	21.8	21.7	20.9
28	17.7	18.9	17.9	18.8	18.8	20.4	16.5
29	15.0	21.1	18.1	21.7	23.8	26.2	21.6
30	18.3	21.1	18.7	20.6	22.1	23.2	24.4
31	18.4	20.4	18.5	20.6	21.3	22.6	21.7
32	19.4	20.6	19.2	20.9	22.0	24.7	22.6
33	22.0	22.8	19.9	22.2	21.2	25.2	21.9
34	18.1	20.9	18.5	23.7	22.3	25.2	18.0
35	19.9	21.7	20.3	23.6	23.0	24.8	24.4
36	21.1	23.6	20.8	23.5	22.2	25.0	20.2
37	16.9	19.4	17.1	19.1	20.0	22.7	20.3
38	19.8	20.5	17.2	20.9	21.3	21.3	18.9
39	19.6	22.0	20.1	21.7	23.6	22.8	20.8
40	19.4	21.3	21.5	22.5	25.2	22.4	21.2
41	20.3	23.3	23.3	23.8	25.0	23.7	22.5
42	17.5	19.7	17.7	19.1	19.3	19.4	17.5
43	21.2	21.0	21.2	21.6	23.6	23.6	24.2
44	18.6	21.7	20.7	24.0	25.1	23.6	25.4

**FOOD CONSUMPTION (G/ANIMAL/DAY) OF DAMS
PARENTAL GENERATION - POST COITUM**

GROUP 3 (300 MG/KG)

DAYs ANIMAL	0-3	3-6	6-9	9-12	12-15	15-18	18-21
45	18.5	21.1	17.7	20.0	19.7	22.0	22.9
46	17.3	20.8	16.4	22.1	20.5	25.3	18.7
47	17.5	20.2	17.2	20.7	19.6	23.9	18.8
48	17.1	19.4	17.4	20.1	20.1	23.4	20.1
49	20.3	23.0	19.8	22.3	22.3	22.1	22.9
50	19.9	21.8	23.0	24.8	23.9	24.1	24.7
51	16.5	20.3	19.9	22.3	21.7	22.4	20.9
52	18.3	19.2	20.2	22.0	23.4	26.2	24.7
53	17.8	19.2	18.5	18.7	19.7	20.1	16.0
54	18.8	20.8	18.6	19.6	21.1	21.5	22.0
55	17.7	20.7	18.5	20.6	20.7	22.1	21.0
56	22.7	24.7	25.8	28.6	26.6	28.8	23.7
57	18.5	22.4	17.4	20.4	22.6	25.1	22.3
58	18.7	20.4	20.8	23.5	24.6	26.0	23.3
59	18.9	20.3	20.4	22.9	24.6	25.1	25.4
60	18.8	19.9	19.7	21.9	22.4	23.8	19.6
61	17.4	20.4	17.6	20.4	22.0	22.4	23.4
62	18.4	21.1	21.7	22.7	25.1	24.9	24.8
63	21.9	21.3	21.8	24.3	25.2	25.3	27.4
64	20.9	23.6	22.9	23.3	28.6	25.1	26.6
65	19.9	19.8	19.2	20.3	21.7	21.4	21.4
66	24.5	26.7	24.8	26.6	29.1	29.2	29.2

**FOOD CONSUMPTION (G/ANIMAL/DAY) OF DAMS
PARENTAL GENERATION - POST COITUM**

GROUP 4 (1000 MG/KG)

DAY ANIMAL	0-3	3-6	6-9	9-12	12-15	15-18	18-21
67	18.0	20.2	18.4	20.3	23.7	24.0	21.0
68	19.2	22.9	20.9	17.4	16.9	25.7	22.5
69	15.9	17.0	15.9	16.2	13.7	21.3	16.4
70	18.7	19.3	17.7	20.6	14.4	14.6	18.5
71	18.1	18.1	20.2	21.2	21.8	24.9	22.3
72	19.5	20.8	20.6	23.8	23.7	26.0	22.8
73	19.2	21.0	20.4	21.1	21.0	24.3	21.9
74	19.7	21.5	19.7	22.7	22.3	27.9	24.3
75	19.9	20.5	21.0	21.6	22.0	25.2	24.0
76	18.5	19.1	17.5	17.3	18.3	21.5	20.5
77	20.1	21.7	20.2	21.5	19.3	28.1	20.9
78	18.7	19.9	17.4	21.6	18.8	22.1	21.2
79	16.3	19.4	15.6	18.8	21.6	26.2	25.4
80	20.4	24.2	22.5	26.6	29.8	31.1	29.0
81 (A)	19.6	20.9	21.2	20.2	16.9	16.3	16.7
82	17.8	19.4	19.3	20.9	20.9	25.7	17.4
83	16.3	20.9	18.9	22.3	23.1	27.1	24.7
84	20.8	19.2	17.4	18.6	21.8	22.0	21.9
85	16.6	19.0	18.5	17.6	20.1	20.2	11.0
86	18.1	18.4	19.7	19.9	25.2	25.6	20.6
87	17.7	23.0	18.3	21.1	22.7	23.4	22.4
88	18.9	21.2	18.9	22.0	21.9	22.1	21.1

(A) Non-pregnant

**BODY WEIGHTS (GRAM) OF DAMS
PARENTAL GENERATION - POST COITUM**

GROUP 1 (0 MG/KG)

DAY ANIMAL	0	1	2	3	4	5	6	7
1	199	202	207	209	214	215	219	224
2	189	193	198	202	206	213	215	216
3	188	190	192	197	200	207	210	211
4	196	200	203	208	210	216	217	219
5	187	192	199	202	209	209	214	219
6	198	198	206	213	217	219	226	225
7	190	193	199	198	203	205	209	213
8	193	194	199	203	209	210	214	218
9	187	190	199	198	212	210	215	217
10	195	198	201	207	205	206	212	215
11	198	203	206	210	212	217	224	227
12	205	215	218	221	225	228	239	239
13	204	205	213	220	215	226	226	229
14	204	207	210	217	220	223	229	230
15	196	199	203	205	206	210	214	213
16	196	198	204	205	207	214	215	220
17	205	209	213	216	221	228	230	233
18	206	214	220	222	228	235	240	242
19	193	199	202	204	206	211	215	213
20	205	208	212	217	223	224	230	234
21	217	220	225	227	232	237	244	241
22	204	214	216	218	220	228	227	233
DAY ANIMAL	8	9	10	11	12	13	14	15
1	230	233	234	241	250	254	255	260
2	221	224	231	241	247	246	255	261
3	214	216	223	226	237	239	245	251
4	226	228	236	240	249	253	259	265
5	224	226	231	238	238	244	251	256
6	228	236	241	251	254	256	262	270
7	216	220	225	231	235	243	245	250
8	218	223	226	236	237	243	250	256
9	221	228	232	239	239	243	252	256
10	220	228	232	235	241	246	252	260
11	231	233	243	247	247	254	260	265
12	241	248	250	260	261	264	278	283
13	236	240	250	249	254	261	262	270
14	235	240	247	249	255	261	266	274
15	219	223	230	233	237	240	245	251
16	220	226	230	236	241	249	257	263
17	234	244	250	251	257	261	271	280
18	242	257	253	261	267	270	281	287
19	218	223	226	233	232	239	247	252
20	237	242	245	255	263	265	275	280
21	247	254	258	267	277	274	287	290
22	237	239	246	254	257	267	272	276

**BODY WEIGHTS (GRAM) OF DAMS
PARENTAL GENERATION - POST COITUM**

GROUP 1 (0 MG/KG)

DAY ANIMAL	16	17	18	19	20	21
1	270	278	287	294	307	317
2	272	284	291	304	315	319
3	260	275	293	307	317	327
4	273	286	306	312	325	337
5	268	276	288	295	310	315
6	282	292	301	314	326	328
7	261	269	282	294	306	301
8	266	282	289	302	318	328
9	264	275	286	305	310	310
10	272	278	296	302	320	325
11	276	282	297	309	319	321
12	300	306	324	339	353	358
13	275	289	299	310	325	337
14	285	293	308	319	329	344
15	261	262	276	285	294	305
16	270	289	295	311	325	339
17	287	299	312	327	341	352
18	297	308	325	343	350	355
19	257	268	278	293	309	314
20	288	296	311	320	334	346
21	307	313	327	344	362	375
22	280	296	307	321	334	346

**BODY WEIGHTS (GRAM) OF DAMS
PARENTAL GENERATION - POST COITUM**

GROUP 2 (100 MG/KG)

DAY ANIMAL	0	1	2	3	4	5	6	7
23	190	190	195	197	199	205	205	209
24	187	194	198	205	208	210	213	220
25	205	208	215	220	227	229	234	242
26	204	207	211	217	223	225	227	232
27	195	202	207	209	212	215	217	223
28	187	188	193	196	200	200	202	207
29	196	198	202	206	211	216	218	223
30	194	202	207	206	212	219	221	225
31	204	208	210	217	216	221	227	231
32	190	197	196	201	202	208	215	222
33	205	212	221	223	227	232	237	240
34	198	202	208	210	214	219	223	227
35	203	205	211	210	218	219	225	226
36	201	207	213	217	222	225	230	232
37	195	199	204	204	208	211	215	217
38	201	207	212	215	221	220	231	228
39	193	198	201	207	211	217	224	228
40	205	206	213	214	222	223	230	232
41	209	211	218	220	226	230	235	235
42	204	205	209	211	217	219	226	224
43	209	211	217	219	221	224	228	234
44	204	213	215	220	221	228	230	236
DAY ANIMAL	8	9	10	11	12	13	14	15
23	211	216	221	224	230	227	233	236
24	220	225	230	235	243	243	253	257
25	249	253	251	267	271	274	281	288
26	240	244	243	257	260	260	270	273
27	225	226	235	239	245	249	257	260
28	211	212	215	219	224	226	232	236
29	226	225	237	236	247	253	261	270
30	223	229	237	231	242	241	247	256
31	236	235	242	244	252	254	260	269
32	222	221	231	231	236	240	252	258
33	243	248	254	258	265	272	279	288
34	231	234	239	246	252	255	263	271
35	229	238	238	249	251	256	261	267
36	237	246	249	258	261	266	272	284
37	218	228	227	232	237	241	246	253
38	231	235	240	249	253	256	263	266
39	228	230	234	243	255	253	266	267
40	238	242	246	252	256	262	274	275
41	243	244	251	261	263	267	277	283
42	226	232	235	242	244	247	252	256
43	233	237	241	251	257	254	266	263
44	239	241	249	255	259	262	271	277

**BODY WEIGHTS (GRAM) OF DAMS
PARENTAL GENERATION - POST COITUM**

GROUP 2 (100 MG/KG)

DAY ANIMAL	16	17	18	19	20	21
23	240	243	249	255	260	268
24	268	279	295	304	315	317
25	298	312	319	334	343	352
26	284	296	305	316	329	330
27	270	278	289	301	314	318
28	245	251	264	277	283	290
29	278	291	311	326	332	332
30	260	266	274	281	291	300
31	278	284	295	309	317	326
32	269	279	292	303	321	320
33	294	306	321	331	346	351
34	279	295	306	317	326	335
35	273	285	296	305	319	326
36	293	307	321	336	347	354
37	259	279	285	297	309	315
38	276	284	298	308	322	325
39	282	291	302	312	321	327
40	288	296	308	318	335	335
41	291	297	311	327	341	341
42	265	274	285	301	315	321
43	277	283	299	307	315	327
44	282	295	302	317	323	345

**BODY WEIGHTS (GRAM) OF DAMS
PARENTAL GENERATION - POST COITUM**

GROUP 3 (300 MG/KG)

DAY ANIMAL	0	1	2	3	4	5	6	7
45	192	194	200	201	206	212	212	216
46	196	200	205	209	213	213	219	223
47	215	214	221	223	228	227	232	236
48	181	185	194	196	204	201	206	208
49	187	197	201	199	205	213	217	218
50	196	202	205	208	213	219	222	227
51	210	210	215	220	221	226	230	231
52	192	196	198	204	204	212	213	218
53	191	197	198	199	203	207	209	214
54	195	195	204	208	208	216	220	223
55	204	203	211	212	217	220	225	228
56	203	211	212	220	228	231	235	240
57	202	207	208	213	216	221	225	229
58	211	214	216	218	222	227	228	235
59	200	208	211	216	217	223	231	231
60	199	203	207	212	216	217	222	222
61	202	210	213	215	218	221	228	225
62	201	207	208	213	217	218	225	227
63	204	214	217	220	223	224	231	234
64	209	217	223	227	232	236	245	250
65	199	200	208	215	215	220	226	230
66	223	231	237	244	248	254	254	262
DAY ANIMAL	8	9	10	11	12	13	14	15
45	218	220	227	230	238	240	238	246
46	223	231	234	244	248	253	257	263
47	240	243	249	257	261	264	266	274
48	211	217	220	233	231	236	244	250
49	226	225	232	239	241	245	249	256
50	232	231	241	249	255	260	266	270
51	236	243	251	255	261	265	273	281
52	223	222	232	236	243	244	254	259
53	216	218	220	225	227	229	239	244
54	227	229	236	240	243	248	253	262
55	229	238	236	240	246	252	258	262
56	245	257	257	266	270	276	285	296
57	227	232	237	239	247	249	258	262
58	236	245	247	256	262	265	273	277
59	235	241	247	256	262	268	273	278
60	229	235	238	247	252	252	260	266
61	230	235	240	248	250	256	263	271
62	235	238	245	253	255	259	269	278
63	238	242	244	255	257	268	265	275
64	252	250	255	267	279	285	292	294
65	229	230	235	243	253	254	259	259
66	265	270	274	282	285	293	293	308

**BODY WEIGHTS (GRAM) OF DAMS
PARENTAL GENERATION - POST COITUM**

GROUP 3 (300 MG/KG)

DAYs ANIMAL	16	17	18	19	20	21
45	251	265	279	287	300	310
46	274	286	295	312	319	323
47	285	298	310	320	335	335
48	259	270	282	294	306	307
49	258	260	268	275	281	285
50	281	290	303	316	329	343
51	285	297	315	327	339	346
52	267	280	289	301	318	328
53	254	266	279	289	296	296
54	270	279	293	306	316	323
55	268	277	284	298	304	313
56	300	310	324	337	351	359
57	269	276	294	302	316	328
58	284	288	306	313	322	329
59	288	298	313	321	339	342
60	278	286	308	319	328	338
61	277	287	295	311	322	336
62	283	289	306	314	331	344
63	283	293	308	322	337	348
64	307	319	338	342	358	365
65	267	275	285	297	304	319
66	315	331	338	350	357	375

**BODY WEIGHTS (GRAM) OF DAMS
PARENTAL GENERATION - POST COITUM**

GROUP 4 (1000 MG/KG)

DAY ANIMAL	0	1	2	3	4	5	6	7
67	192	197	200	204	207	214	216	218
68	201	207	212	218	222	225	228	235
69	192	194	197	203	205	206	209	212
70	185	189	194	195	197	199	197	206
71	192	198	203	205	205	206	214	220
72	211	215	217	226	225	235	239	241
73	194	201	210	213	212	215	218	227
74	190	193	200	207	204	212	218	219
75	198	195	201	203	206	211	215	220
76	199	205	213	218	216	222	225	227
77	194	204	210	209	215	221	225	230
78	205	209	213	216	220	224	224	229
79	187	192	195	201	205	208	212	216
80	214	228	237	241	248	252	258	264
81 (A)	193	201	206	209	212	215	218	225
82	197	199	203	206	209	210	212	221
83	195	197	201	195	205	210	216	221
84	207	212	216	220	227	231	235	239
85	191	198	201	202	207	208	214	216
86	217	220	224	223	225	230	235	235
87	216	221	225	232	237	243	243	250
88	204	215	218	226	227	236	238	238
DAY ANIMAL	8	9	10	11	12	13	14	15
67	225	230	234	240	251	253	258	266
68	238	243	243	252	244	248	251	261
69	214	218	218	225	224	227	225	235
70	210	213	214	220	226	227	224	228
71	222	224	234	235	243	247	255	263
72	244	244	256	263	270	269	274	291
73	231	231	239	239	247	251	251	263
74	224	224	234	238	246	248	256	266
75	222	224	233	234	242	245	253	257
76	233	232	241	240	250	255	257	268
77	222	233	229	244	250	251	257	268
78	228	234	237	242	248	252	257	261
79	217	220	225	232	237	244	252	261
80	262	274	277	291	294	303	313	323
81 (A)	222	231	230	235	230	224	228	230
82	215	222	226	233	235	237	244	251
83	217	226	229	237	242	246	254	260
84	244	243	248	253	272	275	279	281
85	222	223	228	230	235	238	242	246
86	240	246	251	260	272	271	279	281
87	244	249	262	264	272	279	286	292
88	236	242	254	257	268	268	274	277

(A) Non-pregnant

**BODY WEIGHTS (GRAM) OF DAMS
PARENTAL GENERATION - POST COITUM**

GROUP 4 (1000 MG/KG)

ANIMAL	16	17	18	19	20	21
67	278	284	293	304	316	328
68	273	282	292	303	313	317
69	245	259	269	279	288	296
70	233	239	250	264	269	279
71	275	282	294	306	322	328
72	296	305	316	324	333	345
73	269	279	288	299	314	318
74	279	290	303	311	324	334
75	271	280	292	306	315	327
76	275	285	292	304	315	331
77	279	290	297	305	318	327
78	267	272	285	293	307	321
79	268	282	299	310	324	342
80	332	345	363	372	387	406
81 (A)	225	222	225	230	226	223
82	261	272	285	294	302	284
83	268	281	291	302	317	328
84	293	301	314	331	341	351
85	252	257	272	274	283	284
86	287	303	321	335	341	336
87	302	318	330	340	335	349
88	286	303	309	321	348	350

(A) Non-pregnant

BODY WEIGHT GAIN (%) OF DAMS
PARENTAL GENERATION - POST COITUM

GROUP 1 (0 MG/KG)

DAY ANIMAL	0	1	2	3	4	5	6	7
1	-9	-8	-6	-5	-2	-2	0	2
2	-12	-10	-8	-6	-4	-1	0	0
3	-11	-10	-9	-6	-5	-1	0	0
4	-9	-8	-6	-4	-3	0	0	1
5	-13	-10	-7	-6	-2	-2	0	3
6	-12	-12	-9	-5	-4	-3	0	0
7	-9	-8	-5	-5	-3	-2	0	2
8	-10	-9	-7	-5	-2	-2	0	2
9	-13	-11	-7	-8	-2	-2	0	1
10	-8	-7	-5	-2	-3	-3	0	1
11	-12	-10	-8	-6	-5	-3	0	1
12	-14	-10	-9	-7	-6	-4	0	0
13	-10	-9	-6	-3	-5	0	0	1
14	-11	-10	-8	-5	-4	-2	0	1
15	-9	-7	-5	-4	-4	-2	0	0
16	-9	-8	-6	-5	-4	-1	0	2
17	-11	-9	-7	-6	-4	-1	0	1
18	-14	-11	-8	-8	-5	-2	0	1
19	-10	-7	-6	-5	-4	-2	0	-1
20	-11	-10	-8	-5	-3	-3	0	2
21	-11	-10	-8	-7	-5	-3	0	-1
22	-10	-6	-5	-4	-3	0	0	3

DAY ANIMAL	8	9	10	11	12	13	14	15
1	5	7	7	10	14	16	16	19
2	3	4	7	12	15	14	18	21
3	2	3	6	8	13	14	16	19
4	4	5	9	11	15	17	20	23
5	5	6	8	11	11	14	17	20
6	1	5	7	11	13	14	16	20
7	3	5	8	11	13	16	17	20
8	2	4	6	10	11	14	17	20
9	3	6	8	11	11	13	17	19
10	4	8	9	11	14	16	19	22
11	3	4	8	10	10	13	16	18
12	1	4	5	9	10	11	17	19
13	5	6	11	10	12	15	16	20
14	3	5	8	9	11	14	16	20
15	3	4	7	9	11	12	15	17
16	2	5	7	9	12	16	19	22
17	2	6	9	9	12	14	18	22
18	1	7	5	9	11	12	17	20
19	1	4	5	9	8	11	15	17
20	3	5	7	11	14	15	19	22
21	1	4	6	9	13	12	18	19
22	5	5	8	12	13	18	20	22

BODY WEIGHT GAIN (%) OF DAMS
PARENTAL GENERATION - POST COITUM

GROUP 1 (0 MG/KG)

DAY ANIMAL	16	17	18	19	20	21
1	23	27	31	34	40	45
2	26	32	35	41	47	48
3	24	31	39	46	51	56
4	26	32	41	44	50	55
5	25	29	35	38	45	48
6	25	29	33	39	45	45
7	25	29	35	41	47	44
8	25	32	35	41	49	53
9	23	28	33	42	44	44
10	28	31	39	43	51	53
11	23	26	32	38	42	43
12	26	28	36	42	48	50
13	22	28	32	37	44	49
14	25	28	35	39	44	51
15	22	22	29	33	37	43
16	25	34	37	44	51	57
17	25	30	36	42	48	53
18	24	29	35	43	46	48
19	19	25	29	36	44	46
20	25	29	35	39	45	51
21	26	28	34	41	48	54
22	23	31	35	41	47	52

BODY WEIGHT GAIN (%) OF DAMS
PARENTAL GENERATION - POST COITUM

GROUP 2 (100 MG/KG)

DAY ANIMAL	0	1	2	3	4	5	6	7
23	-7	-7	-5	-4	-3	0	0	2
24	-12	-9	-7	-4	-3	-1	0	3
25	-12	-11	-8	-6	-3	-2	0	4
26	-10	-9	-7	-5	-2	-1	0	2
27	-10	-7	-5	-4	-2	-1	0	3
28	-8	-7	-4	-3	-1	-1	0	3
29	-10	-9	-7	-6	-3	-1	0	2
30	-12	-9	-7	-7	-4	-1	0	2
31	-10	-8	-8	-5	-5	-3	0	2
32	-12	-9	-9	-6	-6	-3	0	3
33	-14	-11	-7	-6	-4	-2	0	1
34	-11	-9	-7	-6	-4	-1	0	2
35	-10	-9	-6	-7	-3	-2	0	1
36	-13	-10	-8	-6	-3	-2	0	1
37	-9	-7	-5	-5	-3	-2	0	1
38	-13	-10	-9	-7	-4	-5	0	-1
39	-14	-12	-11	-7	-6	-3	0	2
40	-11	-10	-8	-7	-4	-3	0	1
41	-11	-10	-8	-6	-4	-2	0	0
42	-10	-9	-7	-6	-4	-3	0	0
43	-8	-7	-5	-4	-3	-1	0	3
44	-11	-7	-6	-4	-4	-1	0	3
DAY ANIMAL	8	9	10	11	12	13	14	15
23	3	5	7	9	12	11	14	15
24	3	5	8	10	14	14	19	20
25	7	8	7	14	16	17	20	23
26	6	7	7	13	14	14	19	20
27	4	4	9	10	13	15	19	20
28	4	5	7	8	11	12	15	17
29	4	3	9	8	13	16	20	24
30	1	3	7	4	9	9	11	15
31	4	3	6	7	11	12	14	18
32	4	3	8	7	10	12	17	20
33	2	5	7	9	12	15	18	22
34	4	5	7	11	13	15	18	22
35	2	6	6	11	12	14	16	19
36	3	7	8	12	13	15	18	23
37	1	6	6	8	10	12	14	17
38	0	2	4	8	9	11	14	15
39	2	3	5	9	14	13	19	19
40	3	5	7	9	11	14	19	20
41	3	3	7	11	12	14	18	20
42	0	3	4	7	8	10	12	14
43	2	4	6	10	13	12	17	16
44	4	5	8	11	13	14	18	21

BODY WEIGHT GAIN (%) OF DAMS
PARENTAL GENERATION - POST COITUM

GROUP 2 (100 MG/KG)

DAY ANIMAL	16	17	18	19	20	21
23	17	18	21	24	27	31
24	26	31	38	42	48	49
25	28	33	37	43	47	51
26	25	30	34	39	45	45
27	25	28	33	39	45	47
28	21	24	31	37	40	44
29	28	33	43	49	52	53
30	17	20	24	27	32	35
31	22	25	30	36	39	43
32	25	30	36	41	49	49
33	24	29	35	40	46	48
34	25	32	37	42	46	50
35	22	27	32	36	42	45
36	27	33	39	46	51	54
37	20	30	32	38	44	47
38	19	23	29	33	39	40
39	26	30	35	39	43	46
40	25	28	34	38	46	46
41	23	26	32	39	45	45
42	17	21	26	33	40	42
43	22	24	31	35	38	44
44	23	28	32	38	41	50

BODY WEIGHT GAIN (%) OF DAMS
PARENTAL GENERATION - POST COITUM

GROUP 3 (300 MG/KG)

DAY ANIMAL	0	1	2	3	4	5	6	7
45	-10	-9	-6	-5	-3	0	0	2
46	-10	-9	-7	-4	-3	-3	0	2
47	-7	-8	-5	-4	-2	-2	0	2
48	-12	-10	-6	-5	-1	-3	0	1
49	-14	-9	-7	-8	-5	-2	0	1
50	-12	-9	-8	-6	-4	-1	0	2
51	-9	-9	-7	-4	-4	-2	0	1
52	-10	-8	-7	-4	-5	-1	0	2
53	-9	-6	-5	-5	-3	-1	0	2
54	-12	-11	-7	-6	-6	-2	0	1
55	-9	-10	-6	-6	-3	-2	0	1
56	-14	-10	-10	-6	-3	-2	0	2
57	-10	-8	-7	-5	-4	-1	0	2
58	-7	-6	-5	-4	-2	0	0	3
59	-13	-10	-9	-6	-6	-4	0	0
60	-10	-9	-7	-4	-3	-2	0	0
61	-11	-8	-7	-5	-4	-3	0	-1
62	-11	-8	-8	-5	-4	-3	0	1
63	-12	-7	-6	-5	-4	-3	0	1
64	-15	-11	-9	-7	-5	-4	0	2
65	-12	-11	-8	-5	-4	-3	0	2
66	-12	-9	-6	-4	-2	0	0	3
DAY ANIMAL	8	9	10	11	12	13	14	15
45	3	4	7	8	12	13	12	16
46	2	6	7	12	13	16	17	20
47	3	4	7	11	12	14	15	18
48	3	6	7	13	12	14	18	21
49	4	4	7	10	11	13	15	18
50	5	5	9	12	15	17	20	22
51	3	6	9	11	14	15	19	22
52	5	4	9	11	14	14	19	21
53	3	4	5	7	9	10	14	17
54	3	4	7	9	10	13	15	19
55	2	6	5	7	9	12	15	17
56	4	9	10	13	15	17	21	26
57	1	3	6	7	10	11	15	17
58	4	8	8	12	15	16	20	22
59	2	5	7	11	14	16	18	20
60	3	6	7	11	13	14	17	20
61	1	3	5	9	10	12	15	19
62	4	6	9	12	13	15	19	23
63	3	4	6	10	11	16	14	19
64	3	2	4	9	14	16	19	20
65	1	2	4	8	12	13	15	15
66	4	6	8	11	12	16	16	21

BODY WEIGHT GAIN (%) OF DAMS
PARENTAL GENERATION - POST COITUM

GROUP 3 (300 MG/KG)

ANIMAL	16	17	18	19	20	21
45	18	25	31	35	41	46
46	25	31	35	42	46	48
47	22	28	33	38	44	44
48	26	31	37	43	48	49
49	19	20	24	27	30	32
50	27	31	37	43	49	55
51	24	29	37	42	47	50
52	25	31	36	41	49	54
53	21	27	33	38	42	41
54	22	26	33	39	43	46
55	19	24	26	33	35	39
56	28	32	38	43	49	53
57	20	23	31	35	41	46
58	25	27	34	38	42	45
59	25	29	36	39	47	48
60	25	29	39	44	48	52
61	22	26	30	37	41	47
62	26	29	36	39	47	53
63	22	26	33	39	46	50
64	26	30	38	40	46	49
65	18	22	26	32	35	42
66	24	31	33	38	41	48

BODY WEIGHT GAIN (%) OF DAMS
PARENTAL GENERATION - POST COITUM

GROUP 4 (1000 MG/KG)

DAY ANIMAL	0	1	2	3	4	5	6	7
67	-11	-9	-7	-6	-4	-1	0	1
68	-12	-9	-7	-4	-2	-1	0	3
69	-9	-7	-6	-3	-2	-2	0	1
70	-6	-4	-2	-1	0	1	0	4
71	-10	-7	-5	-4	-4	-3	0	3
72	-12	-10	-9	-5	-6	-2	0	1
73	-11	-8	-4	-3	-3	-1	0	4
74	-13	-11	-9	-5	-7	-3	0	0
75	-8	-9	-6	-6	-4	-2	0	2
76	-12	-9	-6	-3	-4	-2	0	1
77	-13	-9	-6	-7	-4	-2	0	2
78	-8	-6	-5	-3	-2	0	0	2
79	-12	-10	-8	-5	-4	-2	0	2
80	-17	-12	-8	-6	-4	-2	0	2
81 (A)	-11	-8	-5	-4	-3	-1	0	3
82	-7	-6	-4	-3	-2	-1	0	4
83	-9	-9	-7	-10	-5	-3	0	2
84	-12	-10	-8	-7	-4	-2	0	1
85	-11	-8	-6	-6	-3	-3	0	1
86	-8	-6	-5	-5	-5	-2	0	0
87	-11	-9	-8	-5	-2	0	0	3
88	-14	-10	-8	-5	-5	-1	0	0
DAY ANIMAL	8	9	10	11	12	13	14	15
67	4	6	8	11	16	17	19	23
68	4	7	7	11	7	9	10	15
69	2	4	4	7	7	8	8	12
70	6	8	9	12	14	15	14	15
71	4	5	10	10	14	15	19	23
72	2	2	7	10	13	13	15	22
73	6	6	9	9	13	15	15	20
74	2	3	7	9	13	14	17	22
75	3	4	8	9	12	14	17	20
76	3	3	7	7	11	13	14	19
77	-1	4	2	8	11	12	14	19
78	2	5	6	8	11	13	15	17
79	2	4	6	9	12	15	19	23
80	2	6	7	13	14	17	21	25
81 (A)	2	6	6	8	6	3	5	6
82	1	4	6	9	11	11	15	18
83	0	5	6	10	12	14	18	20
84	4	3	5	8	16	17	18	19
85	3	4	6	7	9	11	13	15
86	2	5	7	10	16	15	18	19
87	0	2	8	9	12	15	17	20
88	-1	2	7	8	13	13	15	17

(A) Non-pregnant

BODY WEIGHT GAIN (%) OF DAMS
PARENTAL GENERATION - POST COITUM

GROUP 4 (1000 MG/KG)

DAY ANIMAL	16	17	18	19	20	21
67	29	31	36	41	46	52
68	20	24	28	33	38	39
69	17	24	28	33	37	41
70	18	21	27	34	36	41
71	29	32	38	43	51	54
72	24	28	32	36	40	44
73	23	28	32	37	44	45
74	28	33	39	42	48	53
75	26	30	36	42	46	52
76	22	27	30	35	40	47
77	24	29	32	36	42	46
78	19	22	28	31	37	44
79	26	33	41	46	52	61
80	28	34	41	44	50	57
81 (A)	4	2	3	6	4	3
82	23	28	34	39	42	34
83	24	30	35	40	47	52
84	24	28	34	40	45	49
85	17	20	27	28	32	33
86	22	29	36	42	45	43
87	24	31	36	40	38	43
88	20	27	30	35	46	47

(A) Non-pregnant

REPRODUCTION PROCESSES
PARENTAL GENERATION - POST COITUM
GROUP 1 (0 MG/KG)

Female Number	Male Number	Mating Date	Pregnant	Schedule	Caesarean Section
1	812	03-MAR-09	Yes	Caes. Section	24-MAR-09
2	827	03-MAR-09	Yes	Caes. Section	24-MAR-09
3	833	03-MAR-09	Yes	Caes. Section	24-MAR-09
4	847	03-MAR-09	Yes	Caes. Section	24-MAR-09
5	801	04-MAR-09	Yes	Caes. Section	25-MAR-09
6	809	04-MAR-09	Yes	Caes. Section	25-MAR-09
7	823	04-MAR-09	Yes	Caes. Section	25-MAR-09
8	826	04-MAR-09	Yes	Caes. Section	25-MAR-09
9	836	04-MAR-09	Yes	Caes. Section	25-MAR-09
10	823	05-MAR-09	Yes	Caes. Section	26-MAR-09
11	829	05-MAR-09	Yes	Caes. Section	26-MAR-09
12	839	05-MAR-09	Yes	Caes. Section	26-MAR-09
13	847	05-MAR-09	Yes	Caes. Section	26-MAR-09
14	849	05-MAR-09	Yes	Caes. Section	26-MAR-09
15	850	05-MAR-09	Yes	Caes. Section	26-MAR-09
16	805	06-MAR-09	Yes	Caes. Section	27-MAR-09
17	832	06-MAR-09	Yes	Caes. Section	27-MAR-09
18	842	06-MAR-09	Yes	Caes. Section	27-MAR-09
19	804	09-MAR-09	Yes	Caes. Section	30-MAR-09
20	823	09-MAR-09	Yes	Caes. Section	30-MAR-09
21	824	09-MAR-09	Yes	Caes. Section	30-MAR-09
22	805	10-MAR-09	Yes	Caes. Section	31-MAR-09

REPRODUCTION PROCESSES
PARENTAL GENERATION - POST COITUM
GROUP 2 (100 MG/KG)

Female Number	Male Number	Mating Date	Pregnant	Schedule	Caesarean Section
23	846	03-MAR-09	Yes	Caes. Section	24-MAR-09
24	825	04-MAR-09	Yes	Caes. Section	25-MAR-09
25	827	04-MAR-09	Yes	Caes. Section	25-MAR-09
26	838	04-MAR-09	Yes	Caes. Section	25-MAR-09
27	801	05-MAR-09	Yes	Caes. Section	26-MAR-09
28	837	05-MAR-09	Yes	Caes. Section	26-MAR-09
29	841	05-MAR-09	Yes	Caes. Section	26-MAR-09
30	843	05-MAR-09	Yes	Caes. Section	26-MAR-09
31	844	05-MAR-09	Yes	Caes. Section	26-MAR-09
32	848	05-MAR-09	Yes	Caes. Section	26-MAR-09
33	809	06-MAR-09	Yes	Caes. Section	27-MAR-09
34	814	06-MAR-09	Yes	Caes. Section	27-MAR-09
35	817	06-MAR-09	Yes	Caes. Section	27-MAR-09
36	830	06-MAR-09	Yes	Caes. Section	27-MAR-09
37	848	06-MAR-09	Yes	Caes. Section	27-MAR-09
38	807	09-MAR-09	Yes	Caes. Section	30-MAR-09
39	819	09-MAR-09	Yes	Caes. Section	30-MAR-09
40	834	09-MAR-09	Yes	Caes. Section	30-MAR-09
41	836	09-MAR-09	Yes	Caes. Section	30-MAR-09
42	843	09-MAR-09	Yes	Caes. Section	30-MAR-09
43	850	09-MAR-09	Yes	Caes. Section	30-MAR-09
44	900	10-MAR-09	Yes	Caes. Section	31-MAR-09

REPRODUCTION PROCESSES
PARENTAL GENERATION - POST COITUM
GROUP 3 (300 MG/KG)

Female Number	Male Number	Mating Date	Pregnant	Schedule	Caesarean Section
45	813	03-MAR-09	Yes	Caes. Section	24-MAR-09
46	808	04-MAR-09	Yes	Caes. Section	25-MAR-09
47	824	04-MAR-09	Yes	Caes. Section	25-MAR-09
48	830	04-MAR-09	Yes	Caes. Section	25-MAR-09
49	802	05-MAR-09	Yes	Caes. Section	26-MAR-09
50	807	05-MAR-09	Yes	Caes. Section	26-MAR-09
51	817	05-MAR-09	Yes	Caes. Section	26-MAR-09
52	822	05-MAR-09	Yes	Caes. Section	26-MAR-09
53	826	05-MAR-09	Yes	Caes. Section	26-MAR-09
54	834	05-MAR-09	Yes	Caes. Section	26-MAR-09
55	802	06-MAR-09	Yes	Caes. Section	27-MAR-09
56	821	06-MAR-09	Yes	Caes. Section	27-MAR-09
57	828	06-MAR-09	Yes	Caes. Section	27-MAR-09
58	851	06-MAR-09	Yes	Caes. Section	27-MAR-09
59	802	09-MAR-09	Yes	Caes. Section	30-MAR-09
60	810	09-MAR-09	Yes	Caes. Section	30-MAR-09
61	826	09-MAR-09	Yes	Caes. Section	30-MAR-09
62	833	09-MAR-09	Yes	Caes. Section	30-MAR-09
63	835	09-MAR-09	Yes	Caes. Section	30-MAR-09
64	840	09-MAR-09	Yes	Caes. Section	30-MAR-09
65	844	09-MAR-09	Yes	Caes. Section	30-MAR-09
66	898	10-MAR-09	Yes	Caes. Section	31-MAR-09

REPRODUCTION PROCESSES
PARENTAL GENERATION - POST COITUM
GROUP 4 (1000 MG/KG)

Female Number	Male Number	Mating Date	Pregnant	Schedule	Caesarean Section
67	817	03-MAR-09	Yes	Caes. Section	24-MAR-09
68	810	04-MAR-09	Yes	Caes. Section	25-MAR-09
69	814	04-MAR-09	Yes	Caes. Section	25-MAR-09
70	831	04-MAR-09	Yes	Caes. Section	25-MAR-09
71	804	05-MAR-09	Yes	Caes. Section	26-MAR-09
72	811	05-MAR-09	Yes	Caes. Section	26-MAR-09
73	819	05-MAR-09	Yes	Caes. Section	26-MAR-09
74	824	05-MAR-09	Yes	Caes. Section	26-MAR-09
75	833	05-MAR-09	Yes	Caes. Section	26-MAR-09
76	835	05-MAR-09	Yes	Caes. Section	26-MAR-09
77	803	06-MAR-09	Yes	Caes. Section	27-MAR-09
78	815	06-MAR-09	Yes	Caes. Section	27-MAR-09
79	816	06-MAR-09	Yes	Caes. Section	27-MAR-09
80	818	06-MAR-09	Yes	Caes. Section	27-MAR-09
81	829	06-MAR-09	No	Caes. Section	27-MAR-09
82	841	06-MAR-09	Yes	Caes. Section	27-MAR-09
83	849	06-MAR-09	Yes	Caes. Section	27-MAR-09
84	822	09-MAR-09	Yes	Caes. Section	30-MAR-09
85	831	09-MAR-09	Yes	Caes. Section	30-MAR-09
86	839	09-MAR-09	Yes	Caes. Section	30-MAR-09
87	812	10-MAR-09	Yes	Caes. Section	31-MAR-09
88	899	10-MAR-09	Yes	Caes. Section	31-MAR-09

REPRODUCTION DATA

PARENTAL GENERATION - POST COITUM
GROUP 1 (0 MG/KG)

FEMALE	CORP. LUTEA	IMPL.	- EMBRYONIC DEATHS --			TOTAL	FETUSES			MALF.		
			EMBR. TOTAL	STAGE	FETAL STAGE		MALE	FEM.	DEAD MALE	FEM.		
							MALE	FEM.	MALE	FEM.		
1	13	11	3	3	0	8	3	5	0	0	0 0	
2	16	16	3	3	0	13	6	7	0	0	0 0	
3	15	15	0	0	0	15	6	9	0	0	0 0	
4	12	11	0	0	0	11	7	4	0	0	0 0	
5	13	13	0	0	0	13	5	8	0	0	0 0	
6	13	13	1	1	0	12	9	3	0	0	0 0	
7	15	15	0	0	0	15	7	8	0	0	0 0	
8	12	12	0	0	0	12	6	6	0	0	0 0	
9	16	16	0	0	0	16	7	9	0	0	0 0	
10	12	12	0	0	0	12	3	9	0	0	0 0	
11	15	13	0	0	0	13	6	7	0	0	0 0	
12	17	15	0	0	0	15	10	5	0	0	0 0	
13	15	15	2	2	0	13	8	5	0	0	0 0	
14	15	15	1	1	0	14	6	8	0	0	0 0	
15	13	11	1	1	0	10	3	7	0	0	0 0	
16	15	14	0	0	0	14	3	11	0	0	0 0	
17	15	14	0	0	0	14	6	8	0	0	0 0	
18	16	16	0	0	0	16	11	5	0	0	0 0	
19	15	15	1	1	0	14	6	8	0	0	0 0	
20	17	15	2	2	0	13	8	5	0	0	0 0	
21	14	14	0	0	0	14	11	3	0	0	0 0	
22	12	11	0	0	0	11	7	4	0	0	0 0	
TOTAL	316	302	14	14	0	288	144	144	0	0	0 0	
MEAN	14.4	13.7	0.6	0.6		13.1	6.5	6.5				
ST.DEV.	1.6	1.8	1.0	1.0		1.9	2.4	2.2				

REPRODUCTION DATA

PARENTAL GENERATION - POST COITUM
GROUP 2 (100 MG/KG)

FEMALE	CORP. LUTEA	IMPL.	- EMBRYONIC DEATHS --			TOTAL	FETUSES					
			TOTAL	EMBR. STAGE	FETAL STAGE		MALE	FEM.	DEAD	MALE	FEM.	MALF.
									MALE			
23	8	3	0	0	0	3	1	2	0	0	0	0
24	14	13	0	0	0	13	8	5	0	0	0	0
25	13	13	0	0	0	13	9	4	0	0	0	0
26	13	13	0	0	0	13	3	10	0	0	0	0
27	18	13	0	0	0	13	7	6	0	0	0	0
28	14	13	0	0	0	13	8	5	0	0	0	0
29	14	14	0	0	0	14	4	10	0	0	0	0
30	12	6	1	1	0	5	2	3	0	0	0	0
31	11	11	0	0	0	11	6	5	0	0	0	0
32	14	14	0	0	0	14	4	10	0	0	0	0
33	16	16	0	0	0	16	8	8	0	0	0	1
34	14	13	0	0	0	13	6	7	0	0	0	0
35	13	12	0	0	0	12	6	6	0	0	0	0
36	16	16	1	0	1	15	5	10	0	0	0	0
37	13	12	0	0	0	12	5	7	0	0	0	0
38	15	14	0	0	0	14	7	7	0	0	0	0
39	15	15	1	0	1	14	5	9	0	0	0	0
40	14	14	0	0	0	14	6	8	0	0	0	0
41	15	15	2	2	0	13	8	5	0	0	0	0
42	14	13	0	0	0	13	5	8	0	0	0	0
43	12	11	0	0	0	11	5	6	0	0	0	0
44	11	11	1	1	0	10	6	4	0	0	0	0
TOTAL	299	275	6	4	2	269	124	145	0	0	0	1
MEAN	13.6	12.5	0.3	0.2	0.1	12.2	5.6	6.6				0.0
ST.DEV.	2.1	3.0	0.6	0.5	0.3	3.0	2.0	2.4				0.2

REPRODUCTION DATA

PARENTAL GENERATION - POST COITUM
GROUP 3 (300 MG/KG)

FEMALE	CORP. LUTEA	IMPL.	- EMBRYONIC DEATHS --			TOTAL	FETUSES					
			TOTAL	EMBR. STAGE	FETAL STAGE		LIVE		DEAD			MALF.
				MALE	FEM.		MALE	FEM.	MALE	FEM.		
45	12	12	0	0	0	12	5	7	0	0	0	0
46	12	12	1	1	0	11	7	4	0	0	0	0
47	14	13	1	1	0	12	5	7	0	0	0	0
48	12	12	1	1	0	11	2	9	0	0	0	0
49	15	12	8	8	0	4	3	1	0	0	0	0
50	15	13	0	0	0	13	6	7	0	0	0	0
51	17	17	2	2	0	15	10	5	0	0	0	0
52	12	12	0	0	0	12	3	9	0	0	0	1
53	14	14	0	0	0	14	7	7	0	0	0	0
54	12	12	0	0	0	12	6	6	0	0	0	0
55	12	9	0	0	0	9	6	3	0	0	0	0
56	15	15	1	1	0	14	9	5	0	0	0	0
57	12	12	0	0	0	12	3	9	0	0	0	0
58	12	11	0	0	0	11	5	6	0	0	0	0
59	13	12	0	0	0	12	4	8	0	0	0	0
60	17	17	1	1	0	16	5	11	0	0	0	0
61	13	12	0	0	0	12	6	6	0	0	0	1
62	14	13	0	0	0	13	8	5	0	0	0	0
63	13	13	0	0	0	13	7	6	0	0	0	0
64	17	17	0	0	0	17	8	9	0	0	0	0
65	12	11	0	0	0	11	5	6	0	0	0	0
66	15	10	0	0	0	10	2	8	0	0	0	0
TOTAL	300	281	15	15	0	266	122	144	0	0	0	2
MEAN	13.6	12.8	0.7	0.7		12.1	5.5	6.5				0.1
ST.DEV.	1.8	2.1	1.7	1.7		2.6	2.2	2.3				0.3

REPRODUCTION DATA

PARENTAL GENERATION - POST COITUM
GROUP 4 (1000 MG/KG)

FEMALE	CORP. LUTEA	IMPL.	- EMBRYONIC DEATHS --			TOTAL	FETUSES			
			TOTAL	EMBR. STAGE	FETAL STAGE		LIVE		DEAD	
				MALE	FEM.		MALE	FEM.	MALE	FEM.
67	10	10	0	0	0	10	3	7	0	0
68	13	12	1	1	0	11	3	8	0	0
69	14	14	1	1	0	13	10	3	0	0
70	13	13	1	1	0	12	7	5	0	0
71	15	14	0	0	0	14	4	10	0	0
72	12	12	0	0	0	12	4	8	0	0
73	13	12	0	0	0	12	6	6	0	0
74	13	12	0	0	0	12	7	5	0	0
75	13	11	0	0	0	11	6	5	0	0
76	13	13	1	1	0	12	3	9	0	0
77	14	14	0	0	0	14	4	10	0	0
78	12	11	1	1	0	10	4	6	0	0
79	14	14	1	1	0	13	7	6	0	0
80	13	13	0	0	0	13	5	8	0	0
81 <NP>										
82	14	12	0	0	0	12	5	7	0	0
83	13	11	0	0	0	11	8	3	0	0
84	15	15	0	0	0	15	8	7	0	0
85	12	12	0	0	0	12	6	6	0	0
86	13	13	0	0	0	13	9	4	0	0
87	15	15	0	0	0	15	5	10	0	0
88	14	13	0	0	0	13	7	6	0	0
TOTAL	278	266	6	6	0	260	121	139	0	0
MEAN	13.2	12.7	0.3	0.3		12.4	5.8	6.6		
ST.DEV.	1.2	1.4	0.5	0.5		1.4	2.0	2.1		

Reason for Exclusion from Evaluation :
<NP> Not pregnant

DISTRIBUTION WITHIN UTERUS
PARENTAL GENERATION - POST COITUM
GROUP 1 (0 MG/KG)

IMPLAN-TATIONS	LEFT HORN			POSITION IN UTERUS	RIGHT HORN			IMPLAN-TATIONS
	EMPTY SITES	RESORPTIONS EMBR. FETAL	FETUSES DEAD LIVE		FETUSES LIVE DEAD	RESORPTIONS FETAL EMBR.	EMPTY SITES	
22	.	2	.	< 1>	22	.	.	22
22	.	2	.	< 2>	20	.	2	22
22	.	.	.	< 3>	22	.	.	22
22	.	2	.	< 4>	20	.	1	21
20	.	.	.	< 5>	17	.	1	18
15	.	.	.	< 6>	14	.	2	16
12	.	.	.	< 7>	12	.	.	12
8	.	1	.	< 8>	6	.	1	7
6	.	.	.	< 9>	6	.	.	6
4	.	.	.	<10>	2	.	.	2
				<11>	1	.	.	1

IMPLANTATION SITES

```

22 ===== < 1> ===== 22
22 ===== < 2> ===== 22
22 ===== < 3> ===== 22
22 ===== < 4> ===== 21
20 ===== < 5> ===== 18
15 ===== < 6> ===== 16
12 ===== < 7> ===== 12
8 ===== < 8> ===== 7
6 ===== < 9> ===== 6
4 === <10> == 2
<11> = 1

```

LIVE FETUSES

```

20 ===== < 1> ===== 22
20 ===== < 2> ===== 20
22 ===== < 3> ===== 22
20 ===== < 4> ===== 20
20 ===== < 5> ===== 17
15 ===== < 6> ===== 14
12 ===== < 7> ===== 12
7 ===== < 8> ===== 6
6 ===== < 9> ===== 6
4 === <10> == 2
<11> = 1

```

RESORPTIONS

```

2 == < 1>
2 == < 2> == 2
< 3>
2 == < 4> = 1
< 5> = 1
< 6> == 2
< 7>
1 = < 8> = 1
< 9>
<10>
<11>

```

DISTRIBUTION WITHIN UTERUS
PARENTAL GENERATION - POST COITUM
GROUP 2 (100 MG/KG)

IMPLAN-TATIONS	LEFT HORN			POSITION IN UTERUS	RIGHT HORN			IMPLAN-TATIONS
	EMPTY SITES	RESORPTIONS EMBR. FETAL	FETUSES DEAD LIVE		FETUSES LIVE DEAD	RESORPTIONS FETAL EMBR.	EMPTY SITES	
22	.	1	.	< 1>	21	.	.	21
22	.	.	.	< 2>	21	.	.	21
21	.	.	.	< 3>	19	.	1	20
20	.	1	.	< 4>	20	.	.	20
17	.	.	1	< 5>	19	.	.	19
17	.	.	.	< 6>	16	.	1	17
11	.	.	.	< 7>	10	.	1	11
5	.	.	.	< 8>	6	.	.	6
2	.	.	.	< 9>	3	.	.	3

IMPLANTATION SITES

```

22 ===== < 1> ===== 21
22 ===== < 2> ===== 21
21 ===== < 3> ===== 20
20 ===== < 4> ===== 20
17 ===== < 5> ===== 19
17 ===== < 6> ===== 17
11 ===== < 7> ===== 11
5 ===== < 8> ===== 6
2 == < 9> == 3

```

LIVE FETUSES

```

21 ===== < 1> ===== 21
22 ===== < 2> ===== 21
21 ===== < 3> ===== 19
19 ===== < 4> ===== 20
16 ===== < 5> ===== 19
17 ===== < 6> ===== 16
11 ===== < 7> ===== 10
5 ===== < 8> ===== 6
2 == < 9> == 3

```

RESORPTIONS

```

1 = < 1>
< 2>
< 3> = 1
1 = < 4>
1 = < 5>
< 6> = 1
< 7> = 1
< 8>
< 9>

```

DISTRIBUTION WITHIN UTERUS
PARENTAL GENERATION - POST COITUM
GROUP 3 (300 MG/KG)

IMPLAN-TATIONS	LEFT HORN			POSITION IN UTERUS	RIGHT HORN			IMPLAN-TATIONS
	EMPTY SITES	RESORPTIONS EMBR. FETAL	FETUSES DEAD LIVE		FETUSES LIVE DEAD	RESORPTIONS FETAL EMBR.	EMPTY SITES	
22	.	.	.	22	< 1>	22	.	22
22	.	1	.	21	< 2>	21	.	22
22	.	2	.	20	< 3>	19	.	22
20	.	1	.	19	< 4>	19	.	21
18	.	1	.	17	< 5>	19	.	20
13	.	.	.	13	< 6>	13	.	14
11	.	.	.	11	< 7>	10	.	11
5	.	.	.	5	< 8>	5	.	5
4	.	.	.	4	< 9>	3	.	3
1	.	1	.	.	<10>	1	.	1
1	.	.	.	1	<11>	.	.	
1	.	.	.	1	<12>	.	.	

IMPLANTATION SITES

```

22 ===== < 1> ===== 22
22 ===== < 2> ===== 22
22 ===== < 3> ===== 22
20 ===== < 4> ===== 21
18 ===== < 5> ===== 20
13 ===== < 6> ===== 14
11 ===== < 7> ===== 11
5 ===== < 8> ===== 5
4 === < 9> === 3
1 = <10> = 1
1 = <11>
1 = <12>

```

LIVE FETUSES

```

22 ===== < 1> ===== 22
21 ===== < 2> ===== 21
20 ===== < 3> ===== 19
19 ===== < 4> ===== 19
17 ===== < 5> ===== 19
13 ===== < 6> ===== 13
11 ===== < 7> ===== 10
5 ===== < 8> ===== 5
4 === < 9> === 3
<10> = 1
1 = <11>
1 = <12>

```

RESORPTIONS

```

< 1>
1 = < 2> = 1
2 == < 3> === 3
1 = < 4> == 2
1 = < 5> = 1
< 6> = 1
< 7> = 1
< 8>
< 9>
1 = <10>
<11>
<12>

```

DISTRIBUTION WITHIN UTERUS
PARENTAL GENERATION - POST COITUM
GROUP 4 (1000 MG/KG)

IMPLAN-TATIONS	LEFT HORN			POSITION IN UTERUS	RIGHT HORN			IMPLAN-TATIONS
	EMPTY SITES	RESORPTIONS EMBR. FETAL	FETUSES DEAD LIVE		FETUSES LIVE DEAD	RESORPTIONS FETAL EMBR.	EMPTY SITES	
21	.	.	.	21	< 1>	19	.	21
21	.	.	.	21	< 2>	21	.	21
21	.	.	.	21	< 3>	21	.	21
21	.	1	.	20	< 4>	20	.	20
18	.	.	.	18	< 5>	14	.	16
13	.	.	.	13	< 6>	13	.	13
9	.	.	.	9	< 7>	8	.	9
8	.	.	.	8	< 8>	4	.	4
6	.	.	.	6	< 9>	2	.	2
1	.	.	.	1	<10>			

IMPLANTATION SITES

```

21 ===== < 1> ===== 21
21 ===== < 2> ===== 21
21 ===== < 3> ===== 21
21 ===== < 4> ===== 20
18 ===== < 5> ===== 16
13 ===== < 6> ===== 13
9 ===== < 7> ===== 9
8 ===== < 8> ===== 4
6 ===== < 9> == 2
1 = <10>

```

LIVE FETUSES

```

21 ===== < 1> ===== 19
21 ===== < 2> ===== 21
21 ===== < 3> ===== 21
20 ===== < 4> ===== 20
18 ===== < 5> ===== 14
13 ===== < 6> ===== 13
9 ===== < 7> ===== 8
8 ===== < 8> ===== 4
6 ===== < 9> == 2
1 = <10>

```

RESORPTIONS

```

< 1> == 2
< 2>
< 3>
1 = < 4>
< 5> == 2
< 6>
< 7> = 1
< 8>
< 9>
<10>

```

CONTENTS OF UTERUS (PLAN VIEW)
PARENTAL GENERATION - POST COITUM
GROUP 1 (0 MG/KG)

CORPORA LUTEA L/R	FETUSES LEFT HORN -----					IMPLANTATION SITES <POS. IN UTERUS>		FETUSES RIGHT HORN -----				
	IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V			IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V
FEMALE 1 5/8						E.RES <1>	LIVE	4	M	5.0		A
	1	F	5.2		V	LIVE <2>	E.RES					V
	2	F	5.2		A	LIVE <3>	LIVE	5	F	4.8		A
	3	M	5.0		V	E.RES <4>	LIVE	6	M	5.0		V
						LIVE <5>	LIVE	7	F	4.7		A
						<6>	LIVE	8	F	5.1		V
FEMALE 2 7/9						E.RES <1>	LIVE	14	M	4.8		A
						E.RES <2>	LIVE	15	F	4.8		V
	9	F	4.4		V	LIVE <3>	LIVE	16	M	4.9		A
	10	F	4.6		A	LIVE <4>	LIVE	17	F	3.9		V
	11	M	5.0		V	LIVE <5>	LIVE	18	F	4.6		A
	12	M	4.6		A	LIVE <6>	LIVE	19	F	4.4		V
	13	M	4.8		V	LIVE <7>	LIVE	20	F	4.6		A
						<8>	E.RES					V
						<9>	LIVE	21	M	4.6		A
FEMALE 3 6/9						LIVE <1>	LIVE	28	M	5.4		V
	22	F	4.5		V	LIVE <2>	LIVE	29	F	5.0		A
	23	M	4.7		A	LIVE <3>	LIVE	30	M	5.3		V
	24	F	4.6		V	LIVE <4>	LIVE	31	M	5.2		A
	25	F	4.8		A	LIVE <5>	LIVE	32	M	5.1		V
	26	F	4.6		V	LIVE <6>	LIVE	33	M	5.0		A
	27	F	4.5		A	<7>	LIVE	34	F	4.7		V
						<8>	LIVE	35	F	4.6		A
						<9>	LIVE	36	F	4.8		V
FEMALE 4 5/7						LIVE <1>	LIVE	42	M	5.3		A
	37	M	4.7		V	LIVE <2>	LIVE	43	F	4.8		V
	38	F	4.8		A	LIVE <3>	LIVE	44	M	5.3		A
	39	M	4.7		V	LIVE <4>	LIVE	45	M	5.0		V
	40	F	5.3		A	LIVE <5>	LIVE	46	M	5.2		A
	41	M	5.2		V	<6>	LIVE	47	F	4.8		V
FEMALE 5 7/6						LIVE <1>	LIVE	80	M	5.1		A
	73	F	4.3		V	LIVE <2>	LIVE	81	M	4.5		V
	74	M	4.4		A	LIVE <3>	LIVE	82	F	4.6		A
	75	F	4.3		V	LIVE <4>	LIVE	83	F	4.8		V
	76	F	4.4		A	LIVE <5>	LIVE	84	F	4.5		A
	77	F	4.6		V	LIVE <6>	LIVE	85	F	4.3		V
	78	M	4.8		A	<7>						
	79	M	4.6		V							

LIVE - LIVE FETUS
DEAD - DEAD FETUS

E.RES - EMBRYONIC RESORPTION
F.RES - FETAL RESORPTION

V - VISCERAL EXAMINATION
A - ALIZARIN RED S SKELETAL STAINING TECHN.

CONTENTS OF UTERUS (PLAN VIEW)
PARENTAL GENERATION - POST COITUM
GROUP 1 (0 MG/KG)

CORPORA LUTEA L/R	FETUSES LEFT HORN -----					IMPLANTATION SITES <POS. IN UTERUS>			FETUSES RIGHT HORN -----				
	IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V				IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V
FEMALE 6 9/4	86	M	5.3	V		LIVE	<1>	LIVE	95	M	4.9		A
	87	M	5.0	A		LIVE	<2>	E.RES					
	88	M	4.8	V		LIVE	<3>	LIVE	96	M	5.2		V
	89	M	4.7	A		LIVE	<4>	LIVE	97	M	5.3		A
	90	F	4.3	V		LIVE	<5>						
	91	M	4.8	A		LIVE	<6>						
	92	F	5.0	V		LIVE	<7>						
	93	F	4.9	A		LIVE	<8>						
	94	M	5.1	V		LIVE	<9>						
FEMALE 7 6/9	98	F	3.6	V		LIVE	<1>	LIVE	104	M	4.5		V
	99	M	4.6	A		LIVE	<2>	LIVE	105	F	4.3		A
	100	F	4.0	V		LIVE	<3>	LIVE	106	M	3.7		V
	101	F	4.1	A		LIVE	<4>	LIVE	107	M	4.4		A
	102	M	4.3	V		LIVE	<5>	LIVE	108	F	4.0		V
	103	F	4.1	A		LIVE	<6>	LIVE	109	F	4.0		A
							<7>	LIVE	110	F	4.0		V
							<8>	LIVE	111	M	4.0		A
							<9>	LIVE	112	M	4.0		V
FEMALE 8 5/7	113	F	4.7	V		LIVE	<1>	LIVE	118	F	5.0		A
	114	M	4.9	A		LIVE	<2>	LIVE	119	F	4.8		V
	115	F	4.8	V		LIVE	<3>	LIVE	120	M	5.1		A
	116	M	5.3	A		LIVE	<4>	LIVE	121	M	5.5		V
	117	M	5.1	V		LIVE	<5>	LIVE	122	F	4.9		A
							<6>	LIVE	123	F	5.3		V
							<7>	LIVE	124	M	5.5		A
FEMALE 9 8/8	125	M	4.6	V		LIVE	<1>	LIVE	133	M	4.6		V
	126	F	4.4	A		LIVE	<2>	LIVE	134	F	3.5		A
	127	M	4.3	V		LIVE	<3>	LIVE	135	M	4.1		V
	128	F	4.3	A		LIVE	<4>	LIVE	136	F	3.5		A
	129	F	4.1	V		LIVE	<5>	LIVE	137	F	4.1		V
	130	M	4.2	A		LIVE	<6>	LIVE	138	F	4.2		A
	131	M	4.3	V		LIVE	<7>	LIVE	139	F	4.4		V
	132	M	4.3	A		LIVE	<8>	LIVE	140	F	4.4		A
FEMALE 10 9/3	250	M	5.0	V		LIVE	<1>	LIVE	259	F	5.1		A
	251	F	4.6	A		LIVE	<2>	LIVE	260	F	4.9		V
	252	F	5.0	V		LIVE	<3>	LIVE	261	F	5.1		A
	253	F	4.9	A		LIVE	<4>						
	254	M	5.3	V		LIVE	<5>						
	255	F	5.2	A		LIVE	<6>						
	256	F	4.8	V		LIVE	<7>						
	257	M	4.8	A		LIVE	<8>						
	258	F	4.8	V		LIVE	<9>						

LIVE - LIVE FETUS
DEAD - DEAD FETUS

E.RES - EMBRYONIC RESORPTION
F.RES - FETAL RESORPTION

V - VISCERAL EXAMINATION

A - ALIZARIN RED S SKELETAL STAINING TECHN.

CONTENTS OF UTERUS (PLAN VIEW)
PARENTAL GENERATION - POST COITUM
GROUP 1 (0 MG/KG)

CORPORA LUTEA L/R	FETUSES LEFT HORN -----					IMPLANTATION SITES <POS. IN UTERUS>			FETUSES RIGHT HORN -----				
	IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V				IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V
FEMALE 11 7/8	262	M	4.8		V	LIVE	<1>	LIVE	269	M	4.8		A
	263	F	4.9		A	LIVE	<2>	LIVE	270	F	4.4		V
	264	F	4.1		V	LIVE	<3>	LIVE	271	M	4.4		A
	265	M	5.0		A	LIVE	<4>	LIVE	272	F	5.0		V
	266	F	4.4		V	LIVE	<5>	LIVE	273	M	4.8		A
	267	F	4.7		A	LIVE	<6>	LIVE	274	F	4.9		V
	268	M	4.9		V	LIVE	<7>						
FEMALE 12 11/6	275	F	4.5		V	LIVE	<1>	LIVE	285	M	5.1		V
	276	F	4.4		A	LIVE	<2>	LIVE	286	M	4.9		A
	277	F	3.9		V	LIVE	<3>	LIVE	287	M	4.5		V
	278	M	4.5		A	LIVE	<4>	LIVE	288	M	4.8		A
	279	M	4.7		V	LIVE	<5>	LIVE	289	F	4.5		V
	280	F	4.3		A	LIVE	<6>						
	281	M	4.7		V	LIVE	<7>						
	282	M	4.8		A	LIVE	<8>						
	283	M	4.8		V	LIVE	<9>						
	284	M	5.0		A	LIVE	<10>						
FEMALE 13 8/7	290	F	5.0		V	LIVE	<1>	LIVE	297	M	5.7		A
	291	M	5.2		A	E.RES	<2>	LIVE	298	M	5.4		V
	292	M	5.1		V	LIVE	<3>	LIVE	299	F	5.0		A
	293	M	5.0		A	LIVE	<4>	LIVE	300	F	4.9		V
	294	F	4.5		V	LIVE	<5>	LIVE	301	M	4.9		A
	295	F	5.1		A	LIVE	<6>	E.RES					
	296	M	5.3		V	LIVE	<7>	LIVE	302	M	4.9		V
						LIVE	<8>						
FEMALE 14 5/10	303	M	4.7		V	LIVE	<1>	LIVE	308	F	4.5		A
	304	F	4.6		A	LIVE	<2>	LIVE	309	F	4.6		V
	305	F	4.3		V	LIVE	<3>	LIVE	310	M	4.3		A
	306	M	4.7		A	LIVE	<4>	LIVE	311	F	4.3		V
	307	F	4.7		V	LIVE	<5>	LIVE	312	F	4.5		A
						<6>	E.RES						
						<7>	LIVE	313	F	4.2			V
						<8>	LIVE	314	M	5.0			A
						<9>	LIVE	315	M	4.6			V
						<10>	LIVE	316	M	4.9			A
FEMALE 15 5/8	317	M	4.8		V	LIVE	<1>	LIVE	321	F	4.8		V
	318	F	4.4		A	LIVE	<2>	LIVE	322	F	4.4		A
	319	F	4.6		V	LIVE	<3>	LIVE	323	F	4.1		V
	320	F	4.6		A	LIVE	<4>	LIVE	324	M	4.9		A
						<5>	E.RES						
						<6>	LIVE	325	M	5.2			V
						<7>	LIVE	326	F	4.4			A

LIVE - LIVE FETUS
DEAD - DEAD FETUS

E.RES - EMBRYONIC RESORPTION
F.RES - FETAL RESORPTION

V - VISCERAL EXAMINATION

A - ALIZARIN RED S SKELETAL STAINING TECHN.

CONTENTS OF UTERUS (PLAN VIEW)
PARENTAL GENERATION - POST COITUM
GROUP 1 (0 MG/KG)

CORPORA LUTEA L/R	FETUSES LEFT HORN -----					IMPLANTATION SITES <POS. IN UTERUS>			FETUSES RIGHT HORN -----				
	IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V				IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V
FEMALE 16													
11/4	540	F	4.6		V	LIVE	<1>	LIVE	550	F	4.5		V
	541	M	4.4		A	LIVE	<2>	LIVE	551	F	4.5		A
	542	F	4.2		V	LIVE	<3>	LIVE	552	F	4.4		V
	543	F	4.0		A	LIVE	<4>	LIVE	553	F	4.4		A
	544	F	4.2		V	LIVE	<5>						
	545	M	4.6		A	LIVE	<6>						
	546	F	4.3		V	LIVE	<7>						
	547	M	4.5		A	LIVE	<8>						
	548	F	4.0		V	LIVE	<9>						
	549	F	4.2		A	LIVE	<10>						
FEMALE 17													
10/5	554	M	4.9		V	LIVE	<1>	LIVE	564	F	4.9		V
	555	F	4.8		A	LIVE	<2>	LIVE	565	M	5.2		A
	556	F	4.9		V	LIVE	<3>	LIVE	566	M	5.4		V
	557	F	4.5		A	LIVE	<4>	LIVE	567	M	5.0		A
	558	F	5.1		V	LIVE	<5>						
	559	M	5.1		A	LIVE	<6>						
	560	F	5.1		V	LIVE	<7>						
	561	M	4.9		A	LIVE	<8>						
	562	F	4.8		V	LIVE	<9>						
	563	F	5.2		A	LIVE	<10>						
FEMALE 18													
5/11	568	M	4.2		V	LIVE	<1>	LIVE	573	M	4.9		A
	569	M	4.6		A	LIVE	<2>	LIVE	574	M	4.5		V
	570	F	4.4		V	LIVE	<3>	LIVE	575	F	4.6		A
	571	M	4.5		A	LIVE	<4>	LIVE	576	M	4.6		V
	572	F	3.8		V	LIVE	<5>	LIVE	577	M	5.4		A
							<6>	LIVE	578	M	5.0		V
							<7>	LIVE	579	F	4.7		A
							<8>	LIVE	580	M	5.0		V
							<9>	LIVE	581	F	4.4		A
							<10>	LIVE	582	M	5.1		V
							<11>	LIVE	583	M	4.8		A
FEMALE 19													
6/9	771	M	4.8		V	LIVE	<1>	LIVE	776	F	4.2		A
	772	M	5.0		A	LIVE	<2>	LIVE	777	F	4.2		V
	773	F	4.7		V	LIVE	<3>	LIVE	778	F	4.5		A
						E.RES	<4>	LIVE	779	F	4.6		V
	774	M	4.8		A	LIVE	<5>	LIVE	780	M	4.9		A
	775	F	4.4		V	LIVE	<6>	LIVE	781	M	5.3		V
							<7>	LIVE	782	M	4.7		A
							<8>	LIVE	783	F	4.7		V
							<9>	LIVE	784	F	4.3		A

LIVE - LIVE FETUS
DEAD - DEAD FETUS

E.RES - EMBRYONIC RESORPTION
F.RES - FETAL RESORPTION

V - VISCERAL EXAMINATION

A - ALIZARIN RED S SKELETAL STAINING TECHN.

CONTENTS OF UTERUS (PLAN VIEW)
PARENTAL GENERATION - POST COITUM
GROUP 1 (0 MG/KG)

CORPORA LUTEA L/R	FETUSES LEFT HORN -----					IMPLANTATION SITES <POS. IN UTERUS>			FETUSES RIGHT HORN -----				
	IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF.	V	LIVE	<1>	LIVE	794	M	4.7	A
FEMALE 20													
10/7	785	M	4.5		V		LIVE	<1>	LIVE	794	M	4.7	A
	786	M	4.6		A		LIVE	<2>	LIVE	795	F	4.4	V
	787	M	4.4		V		LIVE	<3>	LIVE	796	M	4.6	A
	788	F	4.5		A		LIVE	<4>	E.RES				
	789	M	4.6		V		LIVE	<5>	LIVE	797	M	4.6	V
	790	F	3.8		A		LIVE	<6>					
	791	F	4.3		V		LIVE	<7>					
							E.RES	<8>					
	792	F	3.9		A		LIVE	<9>					
	793	M	4.5		V		LIVE	<10>					
FEMALE 21													
7/7	798	M	5.0		V		LIVE	<1>	LIVE	805	M	5.1	A
	799	M	4.7		A		LIVE	<2>	LIVE	806	M	4.9	V
	800	F	4.8		V		LIVE	<3>	LIVE	807	F	4.8	A
	801	M	4.3		A		LIVE	<4>	LIVE	808	M	5.0	V
	802	M	5.1		V		LIVE	<5>	LIVE	809	M	5.2	A
	803	M	4.7		A		LIVE	<6>	LIVE	810	M	5.0	V
	804	M	4.8		V		LIVE	<7>	LIVE	811	F	4.7	A
FEMALE 22													
5/7	1025	F	4.4		V		LIVE	<1>	LIVE	1029	M	5.1	V
	1026	M	4.8		A		LIVE	<2>	LIVE	1030	F	4.2	A
	1027	M	4.8		V		LIVE	<3>	LIVE	1031	M	4.6	V
	1028	F	4.6		A		LIVE	<4>	LIVE	1032	M	4.5	A
								<5>	LIVE	1033	F	4.6	V
								<6>	LIVE	1034	M	4.6	A
								<7>	LIVE	1035	M	4.6	V

LIVE - LIVE FETUS
DEAD - DEAD FETUS

E.RES - EMBRYONIC RESORPTION
F.RES - FETAL RESORPTION

V - VISCERAL EXAMINATION
A - ALIZARIN RED S SKELETAL STAINING TECHN.

CONTENTS OF UTERUS (PLAN VIEW)
PARENTAL GENERATION - POST COITUM
GROUP 2 (100 MG/KG)

CORPORA LUTEA L/R	FETUSES LEFT HORN					IMPLANTATION SITES <POS. IN UTERUS>		FETUSES RIGHT HORN				
	IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V			IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V
FEMALE 23 5/3	48	F	5.4		V	LIVE	<1>					
	49	F	5.4		A	LIVE	<2>					
	50	M	5.7		V	LIVE	<3>					
FEMALE 24 7/7	141	M	4.4		V	LIVE	<1>	LIVE	148	F	5.1	A
	142	M	4.8		A	LIVE	<2>	LIVE	149	F	4.7	V
	143	M	5.1		V	LIVE	<3>	LIVE	150	F	4.8	A
	144	F	4.7		A	LIVE	<4>	LIVE	151	M	4.7	V
	145	M	5.0		V	LIVE	<5>	LIVE	152	M	4.6	A
	146	F	5.0		A	LIVE	<6>	LIVE	153	M	5.5	V
	147	M	4.9		V	LIVE	<7>					
FEMALE 25 6/7	154	F	4.6		V	LIVE	<1>	LIVE	160	M	5.3	V
	155	M	5.1		A	LIVE	<2>	LIVE	161	M	4.9	A
	156	F	4.8		V	LIVE	<3>	LIVE	162	F	5.0	V
	157	M	5.0		A	LIVE	<4>	LIVE	163	M	5.2	A
	158	M	5.4		V	LIVE	<5>	LIVE	164	M	4.1	V
	159	M	5.2		A	LIVE	<6>	LIVE	165	M	5.8	A
							<7>	LIVE	166	F	5.1	V
FEMALE 26 4/9	167	F	4.7		V	LIVE	<1>	LIVE	171	F	4.4	V
	168	F	4.8		A	LIVE	<2>	LIVE	172	F	4.4	A
	169	M	4.7		V	LIVE	<3>	LIVE	173	F	4.7	V
	170	F	4.3		A	LIVE	<4>	LIVE	174	M	4.8	A
							<5>	LIVE	175	M	5.3	V
							<6>	LIVE	176	F	4.5	A
							<7>	LIVE	177	F	4.6	V
							<8>	LIVE	178	F	4.8	A
							<9>	LIVE	179	F	4.4	V
FEMALE 27 9/9	327	F	4.5		V	LIVE	<1>	LIVE	334	F	4.5	A
	328	M	4.7		A	LIVE	<2>	LIVE	335	M	4.5	V
	329	M	4.7		V	LIVE	<3>	LIVE	336	M	4.4	A
	330	F	4.6		A	LIVE	<4>	LIVE	337	M	4.7	V
	331	F	4.7		V	LIVE	<5>	LIVE	338	F	4.7	A
	332	M	4.1		A	LIVE	<6>	LIVE	339	M	4.6	V
	333	F	4.1		V	LIVE	<7>					
FEMALE 28 6/8	340	M	4.3		V	LIVE	<1>	LIVE	346	M	4.6	V
	341	M	4.4		A	LIVE	<2>	LIVE	347	M	4.2	A
	342	F	4.2		V	LIVE	<3>	LIVE	348	F	4.3	V
	343	M	4.3		A	LIVE	<4>	LIVE	349	M	4.5	A
	344	M	4.6		V	LIVE	<5>	LIVE	350	F	4.1	V
	345	M	4.2		A	LIVE	<6>	LIVE	351	F	3.8	A
							<7>	LIVE	352	F	4.3	V

LIVE - LIVE FETUS
DEAD - DEAD FETUS

E.RES - EMBRYONIC RESORPTION
F.RES - FETAL RESORPTION

V - VISCERAL EXAMINATION
A - ALIZARIN RED S SKELETAL STAINING TECHN.

CONTENTS OF UTERUS (PLAN VIEW)
PARENTAL GENERATION - POST COITUM
GROUP 2 (100 MG/KG)

CORPORA LUTEA L/R	FETUSES LEFT HORN -----					IMPLANTATION SITES <POS. IN UTERUS>			FETUSES RIGHT HORN -----				
	IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF.	V	LIVE	<1>	LIVE	359	M	5.3	V
FEMALE 29													
6/8	353	F	5.1		V		LIVE	<1>	LIVE	359	M	5.3	V
	354	F	4.9		A		LIVE	<2>	LIVE	360	F	4.8	A
	355	M	5.2		V		LIVE	<3>	LIVE	361	M	4.8	V
	356	F	5.0		A		LIVE	<4>	LIVE	362	F	4.9	A
	357	F	5.0		V		LIVE	<5>	LIVE	363	F	4.8	V
	358	F	4.9		A		LIVE	<6>	LIVE	364	F	4.6	A
								<7>	LIVE	365	F	4.8	V
								<8>	LIVE	366	M	5.0	A
FEMALE 30													
7/5	367	F	5.3		V		E.RES	<1>	LIVE	370	F	5.2	A
	368	F	5.3		A		LIVE	<2>	LIVE	371	M	5.4	V
	369	M	6.0		V		LIVE	<3>					
							LIVE	<4>					
FEMALE 31													
7/4	372	M	5.1		V		LIVE	<1>	LIVE	379	F	5.2	A
	373	M	4.9		A		LIVE	<2>	LIVE	380	F	4.9	V
	374	F	4.8		V		LIVE	<3>	LIVE	381	M	5.2	A
	375	M	5.1		A		LIVE	<4>	LIVE	382	F	4.6	V
	376	M	5.1		V		LIVE	<5>					
	377	F	4.8		A		LIVE	<6>					
	378	M	4.7		V		LIVE	<7>					
FEMALE 32													
9/5	383	F	4.6		V		LIVE	<1>	LIVE	392	F	4.9	A
	384	F	4.4		A		LIVE	<2>	LIVE	393	F	4.8	V
	385	F	4.7		V		LIVE	<3>	LIVE	394	F	5.0	A
	386	M	4.8		A		LIVE	<4>	LIVE	395	M	5.2	V
	387	F	4.2		V		LIVE	<5>	LIVE	396	F	4.4	A
	388	F	4.6		A		LIVE	<6>					
	389	F	4.2		V		LIVE	<7>					
	390	M	4.4		A		LIVE	<8>					
	391	M	4.0		V		LIVE	<9>					
FEMALE 33													
8/8	584	F	4.9		V		LIVE	<1>	LIVE	592	F	4.8	V
	585	F	4.5		A		LIVE	<2>	LIVE	593	F	4.5	A
	586	M	5.0		V		LIVE	<3>	LIVE	594	M	5.0	V
	587	F	4.4		A		LIVE	<4>	LIVE	595	M	4.7	A
	588	M	5.0		V		LIVE	<5>	LIVE	596	M	4.9	V
	589	M	4.6		A		LIVE	<6>	LIVE	597	F	4.6	A
	590	M	4.9		V		LIVE	<7>	LIVE	598	F	4.4	V
	591	M	4.5		A		LIVE	<8>	LIVE	599	F	4.5	A
FEMALE 34													
6/8	600	M	5.3		V		LIVE	<1>	LIVE	606	M	5.2	V
	601	F	4.9		A		LIVE	<2>	LIVE	607	M	5.0	A
	602	F	4.9		V		LIVE	<3>	LIVE	608	F	4.6	V
	603	F	5.3		A		LIVE	<4>	LIVE	609	M	5.0	A
	604	F	4.3		V		LIVE	<5>	LIVE	610	M	4.9	V
	605	F	4.4		A		LIVE	<6>	LIVE	611	M	5.1	A
								<7>	LIVE	612	F	4.7	V

LIVE - LIVE FETUS
DEAD - DEAD FETUS

E.RES - EMBRYONIC RESORPTION
F.RES - FETAL RESORPTION

V - VISCERAL EXAMINATION
A - ALIZARIN RED S SKELETAL STAINING TECHN.

CONTENTS OF UTERUS (PLAN VIEW)
PARENTAL GENERATION - POST COITUM
GROUP 2 (100 MG/KG)

CORPORA LUTEA L/R	FETUSES LEFT HORN -----					IMPLANTATION SITES <POS. IN UTERUS>			FETUSES RIGHT HORN -----				
	IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V				IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V
FEMALE 35 7/6	613	F	4.6		V	LIVE	<1>	LIVE	620	F	4.6		A
	614	M	4.6		A	LIVE	<2>	LIVE	621	M	5.5		V
	615	F	4.1		V	LIVE	<3>	LIVE	622	M	5.0		A
	616	M	4.8		A	LIVE	<4>	LIVE	623	F	4.8		V
	617	M	5.1		V	LIVE	<5>	LIVE	624	F	4.2		A
	618	M	5.0		A	LIVE	<6>						
	619	F	4.1		V	LIVE	<7>						
FEMALE 36 7/9	625	F	5.0		V	LIVE	<1>	LIVE	632	F	5.1		A
	626	F	4.8		A	LIVE	<2>	LIVE	633	M	5.0		V
	627	M	4.6		V	LIVE	<3>	F.RES					
	628	F	4.7		A	LIVE	<4>	LIVE	634	F	5.1		A
	629	F	4.8		V	LIVE	<5>	LIVE	635	F	4.7		V
	630	F	4.7		A	LIVE	<6>	LIVE	636	M	5.3		A
	631	M	5.1		V	LIVE	<7>	LIVE	637	M	4.9		V
							<8>	LIVE	638	F	4.8		A
							<9>	LIVE	639	F	4.9		V
FEMALE 37 6/7	640	M	4.9		V	LIVE	<1>	LIVE	646	F	4.8		V
	641	F	5.1		A	LIVE	<2>	LIVE	647	F	4.8		A
	642	F	5.0		V	LIVE	<3>	LIVE	648	M	5.0		V
	643	F	5.1		A	LIVE	<4>	LIVE	649	M	5.2		A
	644	M	5.6		V	LIVE	<5>	LIVE	650	F	4.7		V
	645	F	5.2		A	LIVE	<6>	LIVE	651	M	5.2		A
FEMALE 38 8/7	812	M	5.1		V	LIVE	<1>	LIVE	820	F	4.7		V
	813	F	4.8		A	LIVE	<2>	LIVE	821	M	4.9		A
	814	M	5.1		V	LIVE	<3>	LIVE	822	M	5.0		V
	815	M	4.8		A	LIVE	<4>	LIVE	823	F	4.4		A
	816	F	4.6		V	LIVE	<5>	LIVE	824	M	4.8		V
	817	F	4.5		A	LIVE	<6>	LIVE	825	M	4.5		A
	818	F	4.4		V	LIVE	<7>						
	819	F	4.3		A	LIVE	<8>						
FEMALE 39 9/6	826	F	4.3		V	LIVE	<1>	LIVE	834	F	4.4		V
	827	M	4.3		A	LIVE	<2>	LIVE	835	F	4.6		A
	828	F	4.3		V	LIVE	<3>	LIVE	836	F	4.2		V
	829	F	4.6		A	LIVE	<4>	LIVE	837	F	4.5		A
						F.RES	<5>	LIVE	838	M	4.8		V
	830	M	4.5		V	LIVE	<6>	LIVE	839	F	4.7		A
	831	M	4.5		A	LIVE	<7>						
	832	M	4.7		V	LIVE	<8>						
	833	F	3.8		A	LIVE	<9>						

LIVE - LIVE FETUS
DEAD - DEAD FETUS

E.RES - EMBRYONIC RESORPTION
F.RES - FETAL RESORPTION

V - VISCERAL EXAMINATION
A - ALIZARIN RED S SKELETAL STAINING TECHN.

CONTENTS OF UTERUS (PLAN VIEW)
PARENTAL GENERATION - POST COITUM
GROUP 2 (100 MG/KG)

CORPORA LUTEA L/R	FETUSES LEFT HORN -----					IMPLANTATION SITES <POS. IN UTERUS>			FETUSES RIGHT HORN -----				
	IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V				IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V
FEMALE 40													
6/8	840	M	4.9		V	LIVE	<1>	LIVE	846	F	4.5		V
	841	F	4.4		A	LIVE	<2>	LIVE	847	M	4.5		A
	842	F	4.8		V	LIVE	<3>	LIVE	848	F	4.8		V
	843	F	4.4		A	LIVE	<4>	LIVE	849	F	4.7		A
	844	M	4.4		V	LIVE	<5>	LIVE	850	F	4.6		V
	845	M	4.7		A	LIVE	<6>	LIVE	851	F	4.4		A
							<7>	LIVE	852	M	4.6		V
							<8>	LIVE	853	M	4.9		A
FEMALE 41													
8/7	854	M	5.1		V	LIVE	<1>	LIVE	861	M	5.0		A
	855	M	4.7		A	LIVE	<2>	LIVE	862	F	4.7		V
	856	F	4.7		V	LIVE	<3>	LIVE	863	F	4.6		A
						E.RES	<4>	LIVE	864	F	4.8		V
	857	M	4.6		A	LIVE	<5>	LIVE	865	M	4.9		A
	858	M	4.7		V	LIVE	<6>	E.RES					
	859	F	4.5		A	LIVE	<7>	LIVE	866	M	4.7		V
	860	M	4.7		V	LIVE	<8>						
FEMALE 42													
7/7	867	F	4.7		V	LIVE	<1>	LIVE	874	F	4.7		A
	868	F	4.6		A	LIVE	<2>	LIVE	875	F	4.2		V
	869	F	4.7		V	LIVE	<3>	LIVE	876	M	4.5		A
	870	F	4.5		A	LIVE	<4>	LIVE	877	F	4.1		V
	871	M	4.7		V	LIVE	<5>	LIVE	878	F	4.4		A
	872	M	4.5		A	LIVE	<6>	LIVE	879	M	4.7		V
	873	M	4.5		V	LIVE	<7>						
FEMALE 43													
4/8	880	F	4.9		V	LIVE	<1>	LIVE	884	F	4.8		V
	881	F	4.9		A	LIVE	<2>	LIVE	885	M	5.0		A
	882	M	5.1		V	LIVE	<3>	LIVE	886	M	5.3		V
	883	F	5.0		A	LIVE	<4>	LIVE	887	M	4.9		A
							<5>	LIVE	888	M	4.9		V
							<6>	LIVE	889	F	4.8		A
							<7>	LIVE	890	F	4.8		V
FEMALE 44													
2/9	1036	M	4.9		V	LIVE	<1>	LIVE	1038	M	5.1		V
	1037	F	5.0		A	LIVE	<2>	LIVE	1039	M	5.0		A
							<3>	LIVE	1040	M	4.9		V
							<4>	LIVE	1041	M	5.1		A
							<5>	LIVE	1042	F	4.9		V
							<6>	LIVE	1043	F	4.7		A
							<7>	E.RES					
							<8>	LIVE	1044	F	4.8		V
							<9>	LIVE	1045	M	5.0		A

LIVE - LIVE FETUS
DEAD - DEAD FETUS

E.RES - EMBRYONIC RESORPTION
F.RES - FETAL RESORPTION

V - VISCERAL EXAMINATION

A - ALIZARIN RED S SKELETAL STAINING TECHN.

CONTENTS OF UTERUS (PLAN VIEW)
PARENTAL GENERATION - POST COITUM
GROUP 3 (300 MG/KG)

CORPORA LUTEA L/R	FETUSES LEFT HORN -----					IMPLANTATION SITES <POS. IN UTERUS>			FETUSES RIGHT HORN -----				
	IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V				IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V
FEMALE 45													
5/7	51	F	4.4		V	LIVE	<1>	LIVE	56	F	4.8		A
	52	M	4.7		A	LIVE	<2>	LIVE	57	M	4.8		V
	53	F	3.9		V	LIVE	<3>	LIVE	58	F	4.4		A
	54	M	4.8		A	LIVE	<4>	LIVE	59	M	4.6		V
	55	F	4.8		V	LIVE	<5>	LIVE	60	F	4.5		A
							<6>	LIVE	61	F	4.5		V
							<7>	LIVE	62	M	4.6		A
FEMALE 46													
6/6	180	F	4.8		V	LIVE	<1>	LIVE	186	M	5.5		V
	181	M	5.1		A	LIVE	<2>	LIVE	187	M	5.5		A
	182	F	4.9		V	LIVE	<3>	E.RES					
	183	M	5.2		A	LIVE	<4>	LIVE	188	M	5.3		V
	184	M	4.9		V	LIVE	<5>	LIVE	189	F	4.9		A
	185	M	5.2		A	LIVE	<6>	LIVE	190	F	4.8		V
FEMALE 47													
3/11	191	F	5.3		V	LIVE	<1>	LIVE	194	M	5.3		A
	192	M	5.1		A	LIVE	<2>	LIVE	195	F	5.1		V
	193	M	5.2		V	LIVE	<3>	LIVE	196	F	4.8		A
							<4>	E.RES					
							<5>	LIVE	197	F	4.9		V
							<6>	LIVE	198	F	4.8		A
							<7>	LIVE	199	M	4.9		V
							<8>	LIVE	200	F	5.0		A
							<9>	LIVE	201	F	4.1		V
							<10>	LIVE	202	M	5.1		A
FEMALE 48													
7/5	203	F	4.8		V	LIVE	<1>	LIVE	209	F	4.8		V
	204	F	4.9		A	LIVE	<2>	LIVE	210	F	4.8		A
						E.RES	<3>	LIVE	211	F	4.9		V
	205	M	4.8		V	LIVE	<4>	LIVE	212	F	4.8		A
	206	F	5.0		A	LIVE	<5>	LIVE	213	M	4.7		V
	207	F	5.2		V	LIVE	<6>						
	208	F	4.9		A	LIVE	<7>						
FEMALE 49													
5/10	397	F	5.0		V	LIVE	<1>	LIVE	400	M	5.1		A
	398	M	5.6		A	E.RES	<2>	E.RES					
	399	M	5.3		V	LIVE	<3>	E.RES					
						E.RES	<4>	E.RES					
						LIVE	<5>	E.RES					
							<6>	E.RES					
							<7>	E.RES					
FEMALE 50													
8/7	401	M	4.8		V	LIVE	<1>	LIVE	408	F	4.7		A
	402	M	5.0		A	LIVE	<2>	LIVE	409	M	4.5		V
	403	F	4.2		V	LIVE	<3>	LIVE	410	M	4.5		A
	404	F	4.5		A	LIVE	<4>	LIVE	411	F	4.1		V
	405	F	4.7		V	LIVE	<5>	LIVE	412	M	4.5		A
	406	F	4.2		A	LIVE	<6>	LIVE	413	M	4.8		V
	407	F	4.3		V	LIVE	<7>						

LIVE - LIVE FETUS
DEAD - DEAD FETUS

E.RES - EMBRYONIC RESORPTION
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V - VISCERAL EXAMINATION

A - ALIZARIN RED S SKELETAL STAINING TECHN.

CONTENTS OF UTERUS (PLAN VIEW)
PARENTAL GENERATION - POST COITUM
GROUP 3 (300 MG/KG)

CORPORA LUTEA L/R	FETUSES LEFT HORN -----					IMPLANTATION SITES <POS. IN UTERUS>			FETUSES RIGHT HORN -----				
	IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V				IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V
FEMALE 51 9/8	414	F	5.0	V		LIVE	<1>	LIVE	421	M	5.1		A
	415	M	5.1	A		LIVE	<2>	LIVE	422	M	4.9		V
	416	M	5.4	V		E.RES	<3>	LIVE	423	F	4.6		A
						LIVE	<4>	LIVE	424	M	4.9		V
						E.RES	<5>	LIVE	425	F	4.5		A
	417	M	4.6	A		LIVE	<6>	LIVE	426	M	4.8		V
	418	M	4.7	V		LIVE	<7>	LIVE	427	M	4.7		A
	419	F	4.6	A		LIVE	<8>	LIVE	428	F	4.4		V
	420	M	5.0	V		LIVE	<9>						
FEMALE 52 7/5	429	F	5.1	V		LIVE	<1>	LIVE	436	F	5.1		A
	430	F	4.7	A		LIVE	<2>	LIVE	437	F	4.8		V
	431	F	4.6	V		LIVE	<3>	LIVE	438	M	4.7		A
	432	F	5.0	A		LIVE	<4>	LIVE	439	F	5.1		V
	433	M	5.0	V		LIVE	<5>	LIVE	440	F	4.4	M	A
	434	F	4.8	A		LIVE	<6>						
	435	M	4.8	V		LIVE	<7>						
FEMALE 53 9/5	441	F	4.3	V		LIVE	<1>	LIVE	450	F	4.7		A
	442	M	4.6	A		LIVE	<2>	LIVE	451	F	4.6		V
	443	M	4.9	V		LIVE	<3>	LIVE	452	M	4.9		A
	444	F	4.5	A		LIVE	<4>	LIVE	453	M	5.3		V
	445	F	4.5	V		LIVE	<5>	LIVE	454	M	4.8		A
	446	F	4.8	A		LIVE	<6>						
	447	M	4.8	V		LIVE	<7>						
	448	M	5.1	A		LIVE	<8>						
	449	F	4.3	V		LIVE	<9>						
FEMALE 54 3/9	455	M	5.1	V		LIVE	<1>	LIVE	458	F	5.0		A
	456	F	5.1	A		LIVE	<2>	LIVE	459	M	4.9		V
	457	F	5.1	V		LIVE	<3>	LIVE	460	M	4.9		A
						LIVE	<4>	LIVE	461	M	4.9		V
						LIVE	<5>	LIVE	462	F	4.6		A
						LIVE	<6>	LIVE	463	F	5.0		V
						LIVE	<7>	LIVE	464	F	4.7		A
						LIVE	<8>	LIVE	465	M	4.9		V
						LIVE	<9>	LIVE	466	M	5.1		A
FEMALE 55 6/6	652	M	5.3	V		LIVE	<1>	LIVE	658	F	5.1		V
	653	F	5.1	A		LIVE	<2>	LIVE	659	M	5.6		A
	654	M	5.5	V		LIVE	<3>	LIVE	660	M	5.5		V
	655	M	5.4	A		LIVE	<4>						
	656	M	5.3	V		LIVE	<5>						
	657	F	5.0	A		LIVE	<6>						

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CONTENTS OF UTERUS (PLAN VIEW)
PARENTAL GENERATION - POST COITUM
GROUP 3 (300 MG/KG)

CORPORA LUTEA L/R	FETUSES LEFT HORN					IMPLANTATION SITES <POS. IN UTERUS>			FETUSES RIGHT HORN				
	IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V				IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V
FEMALE 56 8/7	661	M	5.0		V	LIVE	<1>	LIVE	669	M	5.1		V
	662	F	4.6		A	LIVE	<2>	LIVE	670	M	4.4		A
	663	F	4.5		V	LIVE	<3>	E.RES					
	664	F	4.7		A	LIVE	<4>	LIVE	671	M	4.7		V
	665	M	4.9		V	LIVE	<5>	LIVE	672	M	4.7		A
	666	F	4.6		A	LIVE	<6>	LIVE	673	M	4.9		V
	667	F	4.6		V	LIVE	<7>	LIVE	674	M	4.6		A
	668	M	3.9		A	LIVE	<8>						
FEMALE 57 7/5	675	F	4.5		V	LIVE	<1>	LIVE	682	F	4.5		A
	676	M	4.9		A	LIVE	<2>	LIVE	683	F	4.8		V
	677	F	4.3		V	LIVE	<3>	LIVE	684	F	4.2		A
	678	M	4.5		A	LIVE	<4>	LIVE	685	F	4.1		V
	679	M	4.7		V	LIVE	<5>	LIVE	686	F	4.1		A
	680	F	4.4		A	LIVE	<6>						
	681	F	4.7		V	LIVE	<7>						
FEMALE 58 4/8	687	F	4.8		V	LIVE	<1>	LIVE	691	F	4.2		V
	688	M	5.0		A	LIVE	<2>	LIVE	692	M	5.2		A
	689	F	4.9		V	LIVE	<3>	LIVE	693	M	4.9		V
	690	F	5.1		A	LIVE	<4>	LIVE	694	F	4.9		A
							<5>	LIVE	695	M	5.0		V
							<6>	LIVE	696	M	4.7		A
							<7>	LIVE	697	F	5.1		V
FEMALE 59 5/8	891	F	5.1		V	LIVE	<1>	LIVE	896	M	5.4		A
	892	M	5.4		A	LIVE	<2>	LIVE	897	M	5.2		V
	893	F	4.9		V	LIVE	<3>	LIVE	898	M	5.2		A
	894	F	4.5		A	LIVE	<4>	LIVE	899	F	4.7		V
	895	F	4.9		V	LIVE	<5>	LIVE	900	F	5.0		A
							<6>	LIVE	901	F	5.0		V
							<7>	LIVE	902	F	4.8		A
FEMALE 60 12/5	903	F	4.7		V	LIVE	<1>	LIVE	914	F	4.8		A
	904	M	4.2		A	LIVE	<2>	LIVE	915	M	4.7		V
	905	F	4.3		V	LIVE	<3>	LIVE	916	F	4.6		A
	906	F	4.5		A	LIVE	<4>	LIVE	917	F	4.3		V
	907	F	4.4		V	LIVE	<5>	LIVE	918	M	5.0		A
	908	F	4.0		A	LIVE	<6>						
	909	F	4.2		V	LIVE	<7>						
	910	M	4.6		A	LIVE	<8>						
	911	F	4.4		V	LIVE	<9>						
							E.RES<10>						
	912	F	4.6		A	LIVE	<11>						
	913	M	4.4		V	LIVE	<12>						

LIVE - LIVE FETUS
DEAD - DEAD FETUS

E.RES - EMBRYONIC RESORPTION
F.RES - FETAL RESORPTION

V - VISCERAL EXAMINATION

A - ALIZARIN RED S SKELETAL STAINING TECHN.

CONTENTS OF UTERUS (PLAN VIEW)
PARENTAL GENERATION - POST COITUM
GROUP 3 (300 MG/KG)

CORPORA LUTEA L/R	FETUSES LEFT HORN -----					IMPLANTATION SITES <POS. IN UTERUS>			FETUSES RIGHT HORN -----				
	IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V				IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V
FEMALE 61 6/7	919	F	5.0		V	LIVE	<1>	LIVE	924	F	4.6	M	A
	920	M	5.1		A	LIVE	<2>	LIVE	925	M	4.8	V	
	921	F	5.1		V	LIVE	<3>	LIVE	926	M	5.1	A	
	922	M	5.3		A	LIVE	<4>	LIVE	927	F	5.0	V	
	923	F	5.3		V	LIVE	<5>	LIVE	928	F	4.5	A	
							<6>	LIVE	929	M	5.4	V	
							<7>	LIVE	930	M	5.0	A	
FEMALE 62 5/9	931	F	4.5		V	LIVE	<1>	LIVE	935	M	5.1	V	
	932	M	5.3		A	LIVE	<2>	LIVE	936	F	4.8	A	
	933	F	4.6		V	LIVE	<3>	LIVE	937	M	5.0	V	
	934	M	5.0		A	LIVE	<4>	LIVE	938	M	4.9	A	
							<5>	LIVE	939	F	4.6	V	
							<6>	LIVE	940	M	4.7	A	
							<7>	LIVE	941	M	4.8	V	
							<8>	LIVE	942	M	4.8	A	
							<9>	LIVE	943	F	4.6	V	
FEMALE 63 7/6	944	F	4.4		V	LIVE	<1>	LIVE	951	F	5.2	A	
	945	M	5.0		A	LIVE	<2>	LIVE	952	M	5.2	V	
	946	F	4.6		V	LIVE	<3>	LIVE	953	M	5.2	A	
	947	M	5.1		A	LIVE	<4>	LIVE	954	M	5.3	V	
	948	M	5.3		V	LIVE	<5>	LIVE	955	F	4.9	A	
	949	F	5.0		A	LIVE	<6>	LIVE	956	F	4.9	V	
	950	M	5.0		V	LIVE	<7>						
FEMALE 64 9/8	957	F	4.2		V	LIVE	<1>	LIVE	966	F	3.5	A	
	958	F	4.5		A	LIVE	<2>	LIVE	967	F	3.3	V	
	959	M	3.8		V	LIVE	<3>	LIVE	968	F	4.3	A	
	960	M	3.4		A	LIVE	<4>	LIVE	969	F	4.6	V	
	961	M	3.3		V	LIVE	<5>	LIVE	970	M	3.6	A	
	962	M	4.8		A	LIVE	<6>	LIVE	971	F	3.5	V	
	963	M	3.6		V	LIVE	<7>	LIVE	972	F	4.2	A	
	964	M	4.6		A	LIVE	<8>	LIVE	973	M	3.9	V	
	965	F	3.5		V	LIVE	<9>						
FEMALE 65 7/5	974	M	4.5		V	LIVE	<1>	LIVE	981	F	4.6	A	
	975	M	4.6		A	LIVE	<2>	LIVE	982	F	4.4	V	
	976	M	4.7		V	LIVE	<3>	LIVE	983	F	4.5	A	
	977	F	4.4		A	LIVE	<4>	LIVE	984	F	4.3	V	
	978	F	4.1		V	LIVE	<5>						
	979	M	4.7		A	LIVE	<6>						
	980	M	4.3		V	LIVE	<7>						
FEMALE 66 10/5	1046	F	4.4		V	LIVE	<1>	LIVE	1051	F	4.6	A	
	1047	F	4.0		A	LIVE	<2>	LIVE	1052	F	4.6	V	
	1048	M	4.7		V	LIVE	<3>	LIVE	1053	F	4.4	A	
	1049	F	4.7		A	LIVE	<4>	LIVE	1054	M	4.6	V	
	1050	F	2.7		V	LIVE	<5>	LIVE	1055	F	4.5	A	

LIVE - LIVE FETUS
DEAD - DEAD FETUS

E.RES - EMBRYONIC RESORPTION
F.RES - FETAL RESORPTION

V - VISCERAL EXAMINATION

A - ALIZARIN RED S SKELETAL STAINING TECHN.

CONTENTS OF UTERUS (PLAN VIEW)
PARENTAL GENERATION - POST COITUM
GROUP 4 (1000 MG/KG)

CORPORA LUTEA L/R	FETUSES LEFT HORN -----					IMPLANTATION SITES <POS. IN UTERUS>			FETUSES RIGHT HORN -----				
	IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V				IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V
FEMALE 67 5/5	63	F	5.6	V		LIVE	<1>	LIVE	68	F	5.2		A
	64	F	5.5	A		LIVE	<2>	LIVE	69	F	5.3		V
	65	F	5.3	V		LIVE	<3>	LIVE	70	F	5.2		A
	66	F	4.7	A		LIVE	<4>	LIVE	71	M	5.5		V
	67	M	5.5	V		LIVE	<5>	LIVE	72	M	5.8		A
FEMALE 68 6/7	214	F	4.6	V		LIVE	<1>	LIVE	218	F	4.9		V
	215	F	4.9	A		LIVE	<2>	LIVE	219	F	4.9		A
	216	M	5.1	V		LIVE	<3>	LIVE	220	F	4.6		V
	217	M	5.4	A		E.RES	<4>	LIVE	221	F	4.7		A
						LIVE	<5>	LIVE	222	F	4.6		V
							<6>	LIVE	223	M	4.6		A
							<7>	LIVE	224	F	4.5		V
FEMALE 69 5/9	225	F	4.5	V		LIVE	<1>	LIVE	230	M	5.3		A
	226	M	5.5	A		LIVE	<2>	LIVE	231	M	5.2		V
	227	M	5.1	V		LIVE	<3>	LIVE	232	M	4.9		A
	228	M	5.5	A		LIVE	<4>	LIVE	233	F	4.7		V
	229	M	4.9	V		LIVE	<5>	E.RES					
							<6>	LIVE	234	M	4.9		A
							<7>	LIVE	235	M	5.0		V
							<8>	LIVE	236	M	5.4		A
							<9>	LIVE	237	F	4.6		V
FEMALE 70 6/7	238	F	4.5	V		LIVE	<1>	E.RES					
	239	M	4.6	A		LIVE	<2>	LIVE	244	F	4.5		V
	240	M	4.8	V		LIVE	<3>	LIVE	245	M	4.5		A
	241	F	4.6	A		LIVE	<4>	LIVE	246	M	4.2		V
	242	F	4.5	V		LIVE	<5>	LIVE	247	M	4.8		A
	243	M	4.7	A		LIVE	<6>	LIVE	248	F	4.7		V
							<7>	LIVE	249	M	4.7		A
FEMALE 71 10/5	467	M	5.1	V		LIVE	<1>	LIVE	477	F	5.1		V
	468	F	4.6	A		LIVE	<2>	LIVE	478	F	5.3		A
	469	F	4.5	V		LIVE	<3>	LIVE	479	F	4.9		V
	470	F	4.7	A		LIVE	<4>	LIVE	480	F	4.8		A
	471	F	5.1	V		LIVE	<5>						
	472	F	4.5	A		LIVE	<6>						
	473	M	5.1	V		LIVE	<7>						
	474	F	4.7	A		LIVE	<8>						
	475	M	5.3	V		LIVE	<9>						
	476	M	5.1	A		LIVE	<10>						

LIVE - LIVE FETUS
DEAD - DEAD FETUS

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F.RES - FETAL RESORPTION

V - VISCERAL EXAMINATION

A - ALIZARIN RED S SKELETAL STAINING TECHN.

CONTENTS OF UTERUS (PLAN VIEW)
PARENTAL GENERATION - POST COITUM
GROUP 4 (1000 MG/KG)

CORPORA LUTEA L/R	FETUSES LEFT HORN -----					IMPLANTATION SITES <POS. IN UTERUS>			FETUSES RIGHT HORN -----				
	IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V				IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V
FEMALE 72 9/3	481	F	4.8		V	LIVE	<1>	LIVE	490	M	5.6		A
	482	M	5.0		A	LIVE	<2>	LIVE	491	M	5.3		V
	483	F	4.9		V	LIVE	<3>	LIVE	492	F	4.9		A
	484	F	5.1		A	LIVE	<4>						
	485	F	4.8		V	LIVE	<5>						
	486	F	4.8		A	LIVE	<6>						
	487	F	4.7		V	LIVE	<7>						
	488	F	5.1		A	LIVE	<8>						
	489	M	5.1		V	LIVE	<9>						
FEMALE 73 8/5	493	M	4.9		V	LIVE	<1>	LIVE	501	M	5.2		V
	494	M	5.0		A	LIVE	<2>	LIVE	502	F	5.0		A
	495	F	4.4		V	LIVE	<3>	LIVE	503	F	4.9		V
	496	M	4.9		A	LIVE	<4>	LIVE	504	M	5.0		A
	497	F	4.7		V	LIVE	<5>						
	498	M	4.8		A	LIVE	<6>						
	499	F	4.9		V	LIVE	<7>						
	500	F	4.7		A	LIVE	<8>						
FEMALE 74 4/9	505	F	4.9		V	LIVE	<1>	LIVE	509	M	5.2		V
	506	M	5.3		A	LIVE	<2>	LIVE	510	M	4.9		A
	507	M	5.1		V	LIVE	<3>	LIVE	511	F	4.8		V
	508	M	5.1		A	LIVE	<4>	LIVE	512	F	4.7		A
							<5>	LIVE	513	F	5.0		V
							<6>	LIVE	514	F	4.6		A
							<7>	LIVE	515	M	5.1		V
							<8>	LIVE	516	M	5.0		A
FEMALE 75 5/8	517	M	5.2		V	LIVE	<1>	LIVE	522	F	5.5		A
	518	F	5.1		A	LIVE	<2>	LIVE	523	M	5.2		V
	519	M	5.5		V	LIVE	<3>	LIVE	524	F	5.1		A
	520	M	5.5		A	LIVE	<4>	LIVE	525	F	5.2		V
	521	M	5.2		V	LIVE	<5>	LIVE	526	M	5.4		A
							<6>	LIVE	527	F	4.9		V
FEMALE 76 9/4	528	F	5.3		V	LIVE	<1>	E.RES					
	529	F	4.6		A	LIVE	<2>	LIVE	537	M	5.3		A
	530	F	5.1		V	LIVE	<3>	LIVE	538	F	4.9		V
	531	F	5.0		A	LIVE	<4>	LIVE	539	F	5.1		A
	532	F	5.3		V	LIVE	<5>						
	533	M	4.8		A	LIVE	<6>						
	534	M	4.7		V	LIVE	<7>						
	535	F	4.5		A	LIVE	<8>						
	536	F	4.9		V	LIVE	<9>						

LIVE - LIVE FETUS
DEAD - DEAD FETUS

E.RES - EMBRYONIC RESORPTION
F.RES - FETAL RESORPTION

V - VISCERAL EXAMINATION

A - ALIZARIN RED S SKELETAL STAINING TECHN.

CONTENTS OF UTERUS (PLAN VIEW)
PARENTAL GENERATION - POST COITUM
GROUP 4 (1000 MG/KG)

CORPORA LUTEA L/R	FETUSES LEFT HORN -----					IMPLANTATION SITES <POS. IN UTERUS>			FETUSES RIGHT HORN -----				
	IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V	LIVE	<1>	LIVE	707	F	5.3	A	V
FEMALE 77 9/5	698	F	4.9		V	LIVE	<1>	LIVE	707	F	5.3	A	V
	699	M	5.0		A	LIVE	<2>	LIVE	708	F	5.1	A	V
	700	M	4.8		V	LIVE	<3>	LIVE	709	M	4.7	A	V
	701	M	4.9		A	LIVE	<4>	LIVE	710	F	4.6	V	
	702	F	4.4		V	LIVE	<5>	LIVE	711	F	4.7	A	
	703	F	4.8		A	LIVE	<6>						
	704	F	4.5		V	LIVE	<7>						
	705	F	4.6		A	LIVE	<8>						
	706	F	4.4		V	LIVE	<9>						
FEMALE 78 5/7	712	F	4.9		V	LIVE	<1>	LIVE	716	F	4.6	V	
	713	F	4.9		A	LIVE	<2>	LIVE	717	F	4.3	A	
	714	F	4.6		V	LIVE	<3>	LIVE	718	M	4.8	V	
	715	F	4.8		A	LIVE	<4>	LIVE	719	M	5.2	A	
							<5>	LIVE	720	M	5.2	V	
							<6>	LIVE	721	M	5.3	A	
							<7>	E.RES					
FEMALE 79 8/6	722	F	5.0		V	LIVE	<1>	LIVE	730	M	5.1	V	
	723	F	5.0		A	LIVE	<2>	LIVE	731	F	4.9	A	
	724	F	4.5		V	LIVE	<3>	LIVE	732	F	5.0	V	
	725	F	4.9		A	LIVE	<4>	LIVE	733	M	5.3	A	
	726	M	5.0		V	LIVE	<5>	E.RES					
	727	M	4.6		A	LIVE	<6>	LIVE	734	M	5.0	V	
	728	M	4.9		V	LIVE	<7>						
	729	M	4.9		A	LIVE	<8>						
FEMALE 80 9/4	735	F	5.1		V	LIVE	<1>	LIVE	744	M	5.6	A	V
	736	F	4.9		V	LIVE	<2>	LIVE	745	M	5.8	V	
	737	F	5.1		V	LIVE	<3>	LIVE	746	F	5.4	A	
	738	F	5.1		A	LIVE	<4>	LIVE	747	F	5.2	V	
	739	M	5.4		V	LIVE	<5>						
	740	F	4.6		A	LIVE	<6>						
	741	M	5.3		V	LIVE	<7>						
	742	M	5.1		A	LIVE	<8>						
	743	F	5.1		V	LIVE	<9>						
FEMALE 81 (Not pregnant)													
FEMALE 82 7/7	748	M	4.6		V	LIVE	<1>	LIVE	754	M	4.8	V	
	749	M	4.6		A	LIVE	<2>	LIVE	755	F	4.3	A	
	750	F	4.3		V	LIVE	<3>	LIVE	756	M	4.5	V	
	751	F	4.0		A	LIVE	<4>	LIVE	757	M	4.6	A	
	752	F	4.0		V	LIVE	<5>	LIVE	758	F	3.7	V	
	753	F	4.4		A	LIVE	<6>	LIVE	759	F	4.1	A	

LIVE - LIVE FETUS
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CONTENTS OF UTERUS (PLAN VIEW)
PARENTAL GENERATION - POST COITUM
GROUP 4 (1000 MG/KG)

CORPORA LUTEA L/R	FETUSES LEFT HORN -----					IMPLANTATION SITES <POS. IN UTERUS>			FETUSES RIGHT HORN -----				
	IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V				IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF. V
FEMALE 83 4/9	760	M	5.4		V	LIVE	<1>	LIVE	764	M	5.4		V
	761	F	4.8		A	LIVE	<2>	LIVE	765	M	5.5		A
	762	M	5.6		V	LIVE	<3>	LIVE	766	M	5.3		V
	763	F	5.3		A	LIVE	<4>	LIVE	767	M	4.9		A
							<5>	LIVE	768	M	5.1		V
							<6>	LIVE	769	M	5.2		A
							<7>	LIVE	770	F	4.7		V
FEMALE 84 6/9	985	F	4.2		V	LIVE	<1>	LIVE	991	F	4.5		V
	986	M	4.0		A	LIVE	<2>	LIVE	992	F	4.4		A
	987	M	4.2		V	LIVE	<3>	LIVE	993	M	4.7		V
	988	F	4.3		A	LIVE	<4>	LIVE	994	M	4.4		A
	989	M	4.7		V	LIVE	<5>	LIVE	995	F	4.7		V
	990	M	4.6		A	LIVE	<6>	LIVE	996	F	4.4		A
							<7>	LIVE	997	M	4.7		V
							<8>	LIVE	998	F	4.4		A
							<9>	LIVE	999	M	4.4		V
FEMALE 85 7/5	1000	F	4.1		V	LIVE	<1>	LIVE	1007	F	4.1		A
	1001	F	4.2		A	LIVE	<2>	LIVE	1008	M	4.2		V
	1002	M	4.6		V	LIVE	<3>	LIVE	1009	M	4.2		A
	1003	F	4.3		A	LIVE	<4>	LIVE	1010	F	4.2		V
	1004	F	4.4		V	LIVE	<5>	LIVE	1011	M	4.2		A
	1005	M	4.1		A	LIVE	<6>						
	1006	M	4.5		V	LIVE	<7>						
FEMALE 86 5/8	1012	M	4.9		V	LIVE	<1>	LIVE	1017	M	5.0		A
	1013	M	4.6		A	LIVE	<2>	LIVE	1018	M	4.9		V
	1014	M	4.9		V	LIVE	<3>	LIVE	1019	M	4.6		A
	1015	F	4.8		A	LIVE	<4>	LIVE	1020	F	4.5		V
	1016	M	4.8		V	LIVE	<5>	LIVE	1021	M	4.8		A
							<6>	LIVE	1022	F	4.4		V
							<7>	LIVE	1023	M	4.5		A
							<8>	LIVE	1024	F	4.3		V
FEMALE 87 9/6	1069	F	4.7		V	LIVE	<1>	LIVE	1078	F	4.9		A
	1070	F	4.7		A	LIVE	<2>	LIVE	1079	M	4.9		V
	1071	F	4.6		V	LIVE	<3>	LIVE	1080	M	4.9		A
	1072	F	4.6		A	LIVE	<4>	LIVE	1081	F	4.6		V
	1073	M	4.8		V	LIVE	<5>	LIVE	1082	M	4.9		A
	1074	F	4.8		A	LIVE	<6>	LIVE	1083	F	4.8		V
	1075	M	4.9		V	LIVE	<7>						
	1076	F	4.6		A	LIVE	<8>						
	1077	F	4.8		V	LIVE	<9>						

LIVE - LIVE FETUS
DEAD - DEAD FETUS

E.RES - EMBRYONIC RESORPTION
F.RES - FETAL RESORPTION

V - VISCERAL EXAMINATION
A - ALIZARIN RED S SKELETAL STAINING TECHN.

CONTENTS OF UTERUS (PLAN VIEW)
PARENTAL GENERATION - POST COITUM
GROUP 4 (1000 MG/KG)

CORPORA LUTEA L/R	FETUSES LEFT HORN -----					IMPLANTATION SITES <POS. IN UTERUS>			FETUSES RIGHT HORN -----					
	IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF.	V			IDENT	SEX	WEIGHT (GRAM)	ANOM.	A/ MALF.	V
FEMALE 88 6/8	1056	M	5.1		V		LIVE	<1>	LIVE	1062	M	5.2		V
	1057	F	4.3		A		LIVE	<2>	LIVE	1063	F	4.8		A
	1058	M	4.9		V		LIVE	<3>	LIVE	1064	F	4.2		V
	1059	M	4.9		A		LIVE	<4>	LIVE	1065	F	4.6		A
	1060	F	4.3		V		LIVE	<5>	LIVE	1066	M	4.9		V
	1061	F	4.4		A		LIVE	<6>	LIVE	1067	M	5.0		A
								<7>	LIVE	1068	M	4.4		V

LIVE - LIVE FETUS E.RES - EMBRYONIC RESORPTION V - VISCELAR EXAMINATION
DEAD - DEAD FETUS F.RES - FETAL RESORPTION A - ALIZARIN RED S SKELETAL STAINING TECHN.

Macroscopic Findings

Group 1 (0 mg/kg)

Female No.	Macroscopic findings
1	No abnormal findings
2	No abnormal findings
3	No abnormal findings
4	No abnormal findings
5	No abnormal findings
6	No abnormal findings
7	No abnormal findings
8	No abnormal findings
9	No abnormal findings
10	No abnormal findings
11	No abnormal findings
12	No abnormal findings
13	No abnormal findings
14	No abnormal findings
15	No abnormal findings
16	No abnormal findings
17	No abnormal findings
18	No abnormal findings
19	No abnormal findings
20	No abnormal findings
21	No abnormal findings
22	No abnormal findings

Macroscopic Findings

Group 2 (100 mg/kg)

Female No.	Macroscopic findings
23	No abnormal findings
24	No abnormal findings
25	No abnormal findings
26	No abnormal findings
27	No abnormal findings
28	No abnormal findings
29	No abnormal findings
30	No abnormal findings
31	No abnormal findings
32	No abnormal findings
33	No abnormal findings
34	No abnormal findings
35	No abnormal findings
36	No abnormal findings
37	No abnormal findings
38	No abnormal findings
39	No abnormal findings
40	No abnormal findings
41	No abnormal findings
42	No abnormal findings
43	No abnormal findings
44	No abnormal findings

Macroscopic Findings

Group 3 (300 mg/kg)

Female No.	Macroscopic findings
45	No abnormal findings
46	No abnormal findings
47	No abnormal findings
48	No abnormal findings
49	No abnormal findings
50	No abnormal findings
51	No abnormal findings
52	No abnormal findings
53	No abnormal findings
54	No abnormal findings
55	No abnormal findings
56	No abnormal findings
57	No abnormal findings
58	No abnormal findings
59	No abnormal findings
60	No abnormal findings
61	No abnormal findings
62	No abnormal findings
63	No abnormal findings
64	No abnormal findings
65	No abnormal findings
66	No abnormal findings

Macroscopic Findings

Group 4 (1000 mg/kg)

Female No.	Macroscopic findings
67	No abnormal findings
68	No abnormal findings
69	No abnormal findings
70	No abnormal findings
71	No abnormal findings
72	No abnormal findings
73	No abnormal findings
74	No abnormal findings
75	No abnormal findings
76	No abnormal findings
77	No abnormal findings
78	No abnormal findings
79	No abnormal findings
80	No abnormal findings
81	No abnormal findings, not pregnant
82	No abnormal findings
83	No abnormal findings
84	No abnormal findings
85	No abnormal findings
86	No abnormal findings
87	No abnormal findings
88	No abnormal findings

Fetal Data

Visceral Examination of Fetuses (Microdissection Technique) Individual Data

Group 1 (0 mg/kg)

Number of fetuses (litters) examined: 149 (22)

Litter No.	Fetus No.	Finding(s)	AJ	AN	T
1	1	Brain olfactory, cerebral and midbrain regions bilateral perimeningeal haemorrhage	X		
	3	Head cranial region subcutaneous haemorrhage	X	X	
	5		X		
	7				X
2	11	Diaphragm tendinous region thin localized	X		
	21	Lung right caudal and accessory lobes not separated			
3	32		X		
	34	Tail subcutaneous haemorrhage	X		
4	37	Diaphragm tendinous region thin localized	X		
	39	Brain midbrain region right perimeningeal haemorrhage slight			
	41				X
	43				X
	45	Thymus right long cranial	X		
	47		X		X
5	79	Thymus left long cranial			
	81	Situs inversus (thoracic and abdominal)			
	85	Liver lateral lobe left supernumerary cleft			
6	96				X
7	98				X
	106	Thymus left long cranial			
8	113	Brain midbrain region right perimeningeal haemorrhage			
	115				X
9	131	Lung right caudal and accessory lobes not separated			
	135	Diaphragm tendinous region thin localized			
		Testis right malpositioned cranial			X

Fetuses not listed were without findings

AJ = Head lower jaw subcutaneous haemorrhage

AN = Head nasal/frontal region subcutaneous haemorrhage

T = Umbilical artery left-sided

Bold type indicates abnormality

Visceral Examination of Fetuses (Microdissection Technique) Individual Data

Group 1 (0 mg/kg)

Number of fetuses (litters) examined: 149 (22)

Litter No.	Fetus No.	Finding(s)	AJ	AN	T
10	256	Thymus left long cranial Diaphragm tendinous region thin localized			
	258	Thymus right long cranial			X
	260				
11	268				X
	272	Liver median cleft supernumerary lobe(s)			X
12	277	Pituitary small severe (ca. 1/4 of expected size) Situs inversus (thoracic and abdominal) Aortic arch supernumerary branch Renal pelvis and ureter bilateral dilated			
	279				X
	281				X
	289				X
13	300				X
14	303	Thymus bilateral long cranial			
15	319	Brain cerebral and midbrain regions right perimeningeal haemorrhage			
	321	Brain midbrain and hindbrain regions bilateral perimeningeal haemorrhage			
	323	Hindlimb right subcutaneous haemorrhage Brain cerebral region right internal haemorrhage and cerebral region left perimeningeal haemorrhage Heart interventricular septal defect			
16	550		X		
17	562				X
18	578				X
19	771	Eye extraocular region left haemorrhage Testis right malpositioned cranial			
	773				
	783	Liver lateral lobe left supernumerary cleft	X		X

Fetuses not listed were without findings

AJ = Head lower jaw subcutaneous haemorrhage

AN = Head nasal/frontal region subcutaneous haemorrhage

T = Umbilical artery left-sided

Bold type indicates abnormality

Visceral Examination of Fetuses (Microdissection Technique) Individual Data

Group 1 (0 mg/kg)

Number of fetuses (litters) examined: 149 (22)

Litter No.	Fetus No.	Finding(s)	AJ	AN	T
20	785	Thymus bilateral long cranial Liver lateral lobe left supernumerary cleft			
	789	Liver median lobe diaphragmatic surface right area (\varnothing 5mm) of haemorrhage/tissue damage - probable necropsy damage ^o			
	795	Diaphragm tendinous region thin localized			
	797	Diaphragm tendinous region thin localized			
21	802	Liver median cleft supernumerary lobe(s)			
22	1025	Eye vitreous chamber left haemorrhage			
	1031				X

Fetuses not listed were without findings

AJ = Head lower jaw subcutaneous haemorrhage

AN = Head nasal/frontal region subcutaneous haemorrhage

T = Umbilical artery left-sided

^o Finding excluded from summary table

Bold type indicates abnormality

Visceral Examination of Fetuses (Microdissection Technique) Individual Data

Group 2 (100 mg/kg)

Number of fetuses (litters) examined: 141 (22)

Litter No.	Fetus No.	Finding(s)	AJ	AN	T
23	48	Thymus left long cranial	X	X	
	50		X		X
24	141				
	143	Forelimb right subcutaneous haemorrhage			
	147	Thymus left long cranial			X
25	156		X		
26	169				X
27	327				X
	329				X
	331	Brain midbrain region right perimeningeal haemorrhage			X
	335				X
	339	Diaphragm tendinous region thin localized			
28	340	Thymus right long cranial			
	344	Liver median cleft supernumerary lobe(s)			
	346				X
29	353				
	357	Brain midbrain region right perimeningeal haemorrhage slight			X
31	372	Thymus left long cranial			
	376	Thymus left long cranial			
	380	Renal pelvis right dilated			
32	391	Lung right caudal and accessory lobes not separated			
33	584	Lung right cranial lobe supernumerary cleft Diaphragm tendinous region thin localized			
	592				
	594				
	596	Brain midbrain region right perimeningeal haemorrhage	X		X

Fetuses not listed were without findings

AJ = Head lower jaw subcutaneous haemorrhage

AN = Head nasal/frontal region subcutaneous haemorrhage

T = Umbilical artery left-sided

Bold type indicates abnormality

Visceral Examination of Fetuses (Microdissection Technique) Individual Data

Group 2 (100 mg/kg)

Number of fetuses (litters) examined: 141 (22)

Litter No.	Fetus No.	Finding(s)	AJ	AN	T
34	604	Diaphragm tendinous region thin localized			
	612	Diaphragm tendinous region thin localized			
35	613	Subclavian artery left origin malpositioned (peri-ductal)			X
	615	Ureter left dilated			
	623	Liver median cleft supernumerary lobe(s)			X
36	629		X		
	631		X		X
37	640	Thymus right long cranial			
	644	Subclavian artery left origin malpositioned (peri-ductal)			
	650	Liver lateral lobe left supernumerary cleft			
		Brain midbrain region right perimeningeal haemorrhage slight			
39	826				X
	828	Diaphragm tendinous region thin localized			
	832	Thymus right long cranial	X		
	834				X
	836	Thymus right long cranial			
	838				X
40	846	Brain midbrain region left perimeningeal haemorrhage slight			
41	854	Brain midbrain region right perimeningeal haemorrhage slight			
	866	Head cranial region subcutaneous haemorrhage			
42	879	Liver median cleft supernumerary lobe(s)			
43	882				X
	884				X
44	1036	Liver lateral lobe left supernumerary cleft			X
	1040				X
	1044				X

Fetuses not listed were without findings

AJ = Head lower jaw subcutaneous haemorrhage

AN = Head nasal/frontal region subcutaneous haemorrhage

T = Umbilical artery left-sided

Bold type indicates abnormality

Visceral Examination of Fetuses (Microdissection Technique) Individual Data

Group 3 (300 mg/kg)

Number of fetuses (litters) examined: 138 (22)

Litter No.	Fetus No.	Finding(s)	AJ	AN	T
45	57				X
46	180	Eye right lenticular lesion - possible fixation artefact			
47	195				X
48	203				X
	207				X
49	397	Hindlimb right subcutaneous haemorrhage			X
50	405				X
	407	Liver median lobe right supernumerary cleft			X
	409	Liver median cleft supernumerary lobe(s)			X
52	433	Liver median cleft supernumerary lobe(s)			
53	445	Diaphragm tendinous region thin localized			
	453	Thymus right long cranial			
54	455		X		
	457	Thymus right long cranial			X
	459				X
	465				X
55	654		X		
	656	Thoracic cavity large space right (\varnothing 7mm) with associated distortion of viscera - probable artefact associated with terminal injection/fixation [°] Liver median cleft supernumerary lobe(s)	X		
56	667				X
	669	Diaphragm tendinous region thin localized			
57	675		X		
	683	Thymus right long cranial Diaphragm tendinous region thin localized	X		

Fetuses not listed were without findings

AJ = Head lower jaw subcutaneous haemorrhage

AN = Head nasal/frontal region subcutaneous haemorrhage

T = Umbilical artery left-sided

[°] Finding excluded from summary table

Bold type indicates abnormality

Visceral Examination of Fetuses (Microdissection Technique) Individual Data

Group 3 (300 mg/kg)

Number of fetuses (litters) examined: 138 (22)

Litter No.	Fetus No.	Finding(s)	AJ	AN	T
58	687		X		
	689	Lung right single lobe (includes accessory lobe absent) Azygos vein persisting into abdomen Liver lateral lobe and caudate process right not separated	X		
	691	Liver median cleft supernumerary lobe(s) Renal pelvis left dilated			X
	695	Testis right malpositioned medial			
59	893	Liver median cleft supernumerary lobe(s)			
60	915				X
63	946	Liver median cleft supernumerary lobe(s)			X
	948	Liver lateral lobe left supernumerary cleft			
	954	Testis left malpositioned cranial			
	956	Brain midbrain region left perimeningeal haemorrhage slight			
64	957	Pituitary small (ca. 3/4 of expected size)			
	959	Liver lateral lobe left supernumerary cleft			
	963				X
	965	Liver lateral lobe left supernumerary cleft			
	969				X
	973	Liver lateral lobe left supernumerary cleft			
65	974	Thymus left long cranial Diaphragm tendinous region thin localized Testis left malpositioned cranial			
	980	Diaphragm tendinous region thin localized			
66	1046	Diaphragm tendinous region thin localized			
	1050	Eye left small (ca. 2/3 of expected size) Renal pelvis right dilated			
	1054	Thymus left long cranial			

Fetuses not listed were without findings

AJ = Head lower jaw subcutaneous haemorrhage

AN = Head nasal/frontal region subcutaneous haemorrhage

T = Umbilical artery left-sided

Bold type indicates abnormality

Visceral Examination of Fetuses (Microdissection Technique) Individual Data

Group 4 (1000 mg/kg)

Number of fetuses (litters) examined: 136 (21)

Litter No.	Fetus No.	Finding(s)	AJ	AN	T
67	65	Renal pelvis bilateral dilated			
	69				X
	71	Diaphragm tendinous region thin localized			
68	220	Liver lateral lobe left supernumerary cleft			
69	225				X
	231	Thymus left long cranial			
	233	Liver median cleft supernumerary lobe(s)			
70	238	Brain midbrain region right perimeningeal haemorrhage			
71	471				X
72	481				X
	483				X
	485				X
	489	Testis right malpositioned cranial	X		
73	493	Eye vitreous chamber right haemorrhage			
74	505	Liver median cleft supernumerary lobe(s)			
	509	Thymus right long cranial			
	511				X
	513				X
75	523	Thymus left long cranial			
76	530	Diaphragm tendinous region thin localized			
	534	Thymus left long cranial			
	536				X
77	704		X		
	706				X
	710	Brain midbrain region right perimeningeal haemorrhage			
78	714		X		

Fetuses not listed were without findings

AJ = Head lower jaw subcutaneous haemorrhage

AN = Head nasal/frontal region subcutaneous haemorrhage

T = Umbilical artery left-sided

Bold type indicates abnormality

Visceral Examination of Fetuses (Microdissection Technique) Individual Data

Group 4 (1000 mg/kg)

Number of fetuses (litters) examined: 136 (21)

Litter No.	Fetus No.	Finding(s)	AJ	AN	T
79	728	Thymus left long cranial			
	732		X		
	734	Liver papillary process cranial lobe misshapen (folded)			
80	736				X
	739	Liver lateral lobe left supernumerary cleft			X
	741		X		X
	743				X
82	748	Testis right malpositioned medial			
	758				X
83	766	Liver lateral lobe left supernumerary cleft			
	770	Liver median cleft supernumerary lobe(s)			
84	985	Thymus left long cranial			
	987	Thymus bilateral long cranial			
	999				X
85	1006		X		
86	1018	Brain midbrain region left perimeningeal haemorrhage slight			
	1022				X
87	1071	Common carotid artery left origin malpositioned (abnormally close to innominate artery)			X
	1077		X		
	1083				X
88	1066	Liver median cleft supernumerary lobe(s)			
	1068				X

Fetuses not listed were without findings

AJ = Head lower jaw subcutaneous haemorrhage

AN = Head nasal/frontal region subcutaneous haemorrhage

T = Umbilical artery left-sided

Bold type indicates abnormality

Skeletal Examination of Fetuses Individual Data

Group 1 (0 mg/kg)

Number of fetuses (litters) examined: 139 (22)

Litter No.	Fetus No.		Finding(s)
2	10	B	Zygomatic arch process of maxilla to jugal left fusion
3	25	B	Lumbar vertebral arch 4 left increased ossification
	29	B	Lumbar vertebral arch 4 right increased ossification
	31	B	Lumbar vertebral arch 4 left increased ossification
4	38	B	Sternebra 6 increased ossification cranial
	46	B	Ribs 12 - 13 right wavy
5	76	B	Pelvic girdle bilateral malpositioned caudal (27 prepelvic vertebral arches)
	78	B	Lumbar vertebral arch 4 left increased ossification
7	105	C	Costal cartilages 2 asymmetrically aligned at sternum
8	118	B	Pelvic girdle right malpositioned caudal (27 prepelvic vertebral arches)
	122	B	Pelvic girdle bilateral malpositioned caudal (27 prepelvic vertebral arches)
	124	B	Pelvic girdle right malpositioned caudal (27 prepelvic vertebral arches)
9	130	C	Cervical vertebral body 7 dumbbell-shaped
	134	B	Pelvic girdle left malpositioned caudal (27 prepelvic vertebral arches)
	140	B	Lumbar vertebral arch 4 right increased ossification
11	267	B	Zygomatic arch process of maxilla to jugal left fusion
	269	B	Zygomatic arch process of maxilla to jugal right fusion
13	291	B	Ribs 5 - 12 right and 5 - 11 left wavy
	297	B	Hyoid arch right supernumerary (ossified) greater horn
14	306	B	Sternebrae 3 - 4 dumbbell ossification
	312	B	Sternebra 1 bipartite ossification
		B	Sternebrae 2 - 3 dumbbell ossification
15	322	B	Pelvic girdle bilateral malpositioned caudal (27 prepelvic vertebral arches)
17	555	B	Thoracic vertebral body 1 bipartite ossification
		C	Thoracic vertebral body 1 dumbbell-shaped
	565	B	Cervical rib left rudimentary

B = Bone finding

C = Cartilage finding

Fetuses not listed were without findings

For percentage incidences of abnormalities and variations see skeletal examination summary

Bold type indicates abnormality

Skeletal Examination of Fetuses Individual Data

Group 2 (100 mg/kg)

Number of fetuses (litters) examined: 128 (22)

Litter No.	Fetus No.		Finding(s)
24	144	B	Pelvic girdle bilateral malpositioned caudal (27 prepelvic vertebral arches)
		C	Costal cartilage 1 right short
		C	Costal cartilages 1 - 2 right fused medial
	148	B	Pelvic girdle bilateral malpositioned caudal (27 prepelvic vertebral arches)
	150	B	Cervical rib right rudimentary
25	165	B	Lumbar vertebral arch 4 left increased ossification
26	170	B	Cervical rib left rudimentary
28	345	B	Sternebrae 1 - 4 bipartite ossification
	347	B	Thoracic vertebral body 5 right unossified (unilateral ossification)
		B	Sternebra 3 bipartite ossification
		B	Sternebra 4 dumbbell ossification
		C	Thoracic vertebral body 5 dumbbell-shaped
	349	B	Sternebra 4 bipartite ossification
		C	Costal cartilages 2 - 4 asymmetrically aligned at sternum
	351	C	Costal cartilages 3 asymmetrically aligned at sternum
29	354	B	Pelvic girdle left malpositioned caudal (27 prepelvic vertebral arches)
32	386	B	Zygomatic arch process of maxilla to jugal left fusion
	388	B	Zygomatic arch process of maxilla to jugal left fusion
		C	Costal cartilages 3 asymmetrically aligned at sternum
	390	C	Costal cartilages 3 - 5 asymmetrically aligned at sternum
33	587	B	Lumbar vertebral arch 4 left increased ossification
	593	B	Sternebra 5 bipartite ossification
		C	Costal cartilages 5 asymmetrically aligned at sternum
34	609	B	Pelvic girdle left malpositioned caudal (27 prepelvic vertebral arches)
35	616	B	Zygomatic arch process of maxilla to jugal right fusion
	620	B	Thoracic vertebral body 11 dumbbell ossification
	622	B	Pelvic girdle bilateral malpositioned caudal (27 prepelvic vertebral arches)
		C	Costal cartilages 1 - 2 right fused medial
	624	B	Zygomatic arch process of maxilla to jugal right fusion
		C	Cervical vertebral body 3 dumbbell-shaped

B = Bone finding

C = Cartilage finding

Fetuses not listed were without findings

For percentage incidences of abnormalities and variations see skeletal examination summary

Bold type indicates abnormality

Skeletal Examination of Fetuses Individual Data

Group 2 (100 mg/kg)

Number of fetuses (litters) examined: 128 (22)

Litter No.	Fetus No.		Finding(s)
36	630	B	Pelvic girdle bilateral malpositioned caudal (27 prepelvic vertebral arches)
	632	C	Costal cartilages 4 asymmetrically aligned at sternum
	634	B	Pelvic girdle right malpositioned caudal (27 prepelvic vertebral arches)
	636	B	Pelvic girdle left malpositioned caudal (27 prepelvic vertebral arches)
	638	B	Pelvic girdle bilateral malpositioned caudal (27 prepelvic vertebral arches)
37	641	B	Pelvic girdle left malpositioned caudal (27 prepelvic vertebral arches)
	647	B	Pelvic girdle left malpositioned caudal (27 prepelvic vertebral arches)
	651	C	Sternal cartilage cranial to sternebra 1 right hole
39	833	C	Costal cartilages 3 - 5 asymmetrically aligned at sternum
40	853	B	Thoracic vertebral body 4 right incompletely ossified
41	857	C	Costal cartilages 4 - 5 asymmetrically aligned at sternum
	861	B	Zygomatic arch process of maxilla to jugal bilateral fusion
42	878	B	Pelvic girdle left malpositioned caudal (27 prepelvic vertebral arches)
43	887	B	Lumbar vertebral arch 4 bilateral increased ossification

B = Bone finding

C = Cartilage finding

Fetuses not listed were without findings

For percentage incidences of abnormalities and variations see skeletal examination summary

Bold type indicates abnormality

Skeletal Examination of Fetuses Individual Data

Group 3 (300 mg/kg)

Number of fetuses (litters) examined: 128 (22)

Litter No.	Fetus No.		Finding(s)
45	60	B	Zygomatic arch process of maxilla to jugal right fusion
49	398	B	Zygomatic arch process of maxilla to jugal left fusion
50	406	B	Pelvic girdle bilateral malpositioned caudal (27 prepelvic vertebral arches)
		C	Costal cartilages 2 - 4 asymmetrically aligned at sternum
	412	B	Pelvic girdle right malpositioned caudal (27 prepelvic vertebral arches)
51	415	B	Pelvic girdle left malpositioned caudal (27 prepelvic vertebral arches)
53	446	B	Pelvic girdle left malpositioned caudal (27 prepelvic vertebral arches)
	448	B	Pelvic girdle bilateral malpositioned caudal (27 prepelvic vertebral arches)
	450	B	Pelvic girdle bilateral malpositioned caudal (27 prepelvic vertebral arches)
	454	B	Pelvic girdle left malpositioned caudal (27 prepelvic vertebral arches)
55	657	B	Pelvic girdle bilateral malpositioned caudal (27 prepelvic vertebral arches)
56	668	B	Pelvic girdle bilateral malpositioned caudal (27 prepelvic vertebral arches)
	670	B	Rib 13 (floating false rib) left branched distal
57	680	B	Pelvic girdle left malpositioned caudal (27 prepelvic vertebral arches)
58	688	B	Sternebra 6 increased ossification cranial
	696	B	Sternebra 4 offset ossification sites
		C	Costal cartilages 3 - 5 asymmetrically aligned at sternum
59	894	C	Costal cartilages 2 asymmetrically aligned at sternum
60	904	B	Pelvic girdle left malpositioned caudal (27 prepelvic vertebral arches)
	908	B	Pelvic girdle left malpositioned caudal (27 prepelvic vertebral arches)
61	926	B	Pelvic girdle left malpositioned caudal (27 prepelvic vertebral arches)
62	934	B	Pelvic girdle bilateral malpositioned caudal (27 prepelvic vertebral arches)
	940	B	Pelvic girdle left malpositioned caudal (27 prepelvic vertebral arches)
65	981	B	Zygomatic arch process of maxilla to jugal bilateral fusion
66	1055	B	Pelvic girdle left malpositioned caudal (27 prepelvic vertebral arches)

B = Bone finding

C = Cartilage finding

Fetuses not listed were without findings

For percentage incidences of abnormalities and variations see skeletal examination summary

Bold type indicates abnormality

Skeletal Examination of Fetuses Individual Data

Group 4 (1000 mg/kg)

Number of fetuses (litters) examined: 124 (21)

Litter No.	Fetus No.		Finding(s)
67	68	B	Zygomatic arch process of maxilla to jugal bilateral fusion
68	217	B	Pelvic girdle bilateral malpositioned caudal (27 prepelvic vertebral arches)
	219	B	Pelvic girdle bilateral malpositioned caudal (27 prepelvic vertebral arches)
	221	B	Pelvic girdle bilateral malpositioned caudal (27 prepelvic vertebral arches)
69	228	B	Lumbar vertebral arch 4 left increased ossification
	236	B	Pelvic girdle bilateral malpositioned caudal (27 prepelvic vertebral arches)
71	480	C	Costal cartilages 2 - 3 asymmetrically aligned at sternum
73	494	B	Pelvic girdle left malpositioned caudal (27 prepelvic vertebral arches)
	496	B	Pelvic girdle bilateral malpositioned caudal (27 prepelvic vertebral arches)
	504	B	Pelvic girdle bilateral malpositioned caudal (27 prepelvic vertebral arches)
76	531	B	Pelvic girdle left malpositioned caudal (27 prepelvic vertebral arches)
		C	Costal cartilage 1 right short
		C	Costal cartilages 1 - 2 right fused medial
		C	Costal cartilage 2 right malpositioned cranial
	533	B	Pelvic girdle left malpositioned caudal (27 prepelvic vertebral arches)
	539	B	Pelvic girdle bilateral malpositioned caudal (27 prepelvic vertebral arches)
77	709	B	Zygomatic arch process of maxilla to jugal bilateral fusion
79	723	B	Thoracic vertebral body 12 bipartite ossification
82	755	B	Zygomatic arch process of maxilla to jugal left fusion
	759	B	Pelvic girdle bilateral malpositioned caudal (27 prepelvic vertebral arches)
83	767	B	Rib 11 right wavy
		C	Costal cartilages 3 asymmetrically aligned at sternum
85	1003	B	Pelvic girdle left malpositioned caudal (27 prepelvic vertebral arches)
86	1019	B	Pelvic girdle bilateral malpositioned caudal (27 prepelvic vertebral arches)

B = Bone finding

C = Cartilage finding

Fetuses not listed were without findings

For percentage incidences of abnormalities and variations see skeletal examination summary

Bold type indicates abnormality

Skeletal Examination of Fetuses Individual Data

Group 4 (1000 mg/kg)

Number of fetuses (litters) examined: 124 (21)

Litter No.	Fetus No.		Finding(s)
88	1057	C	Costal cartilages 2 - 6 asymmetrically aligned at sternum
	1061	B	Ribs 5 - 12 right and 11 - 12 left wavy
	1063	B	Ribs 5 - 12 right wavy
	1065	B	Ribs 5 - 11 right wavy
	1067	B	Sternebrae 3 - 5 offset ossification sites
		C	Costal cartilages 2 - 5 asymmetrically aligned at sternum

B = Bone finding

C = Cartilage finding

Fetuses not listed were without findings

For percentage incidences of abnormalities and variations see skeletal examination summary

Bold type indicates abnormality

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 1 (0 MG/KG)

DAM 1

FETUS 2	INCOMPLETELY OSSIFIED	OS OCCIPITALE OS PARIETALE, BILATERAL OS INTERPARIETALE OS HYOIDEUM ZYGOMATIC PROCESS OF MAXILLA, LEFT ZYGOMATIC PROCESS OF MAXILLA, RIGHT JUGAL, LEFT JUGAL, RIGHT ZYGOMATIC PROCESS OF SQUAMOSAL, LEFT ZYGOMATIC PROCESS OF SQUAMOSAL, RIGHT DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 4 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 4 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT
FETUS 4	INCOMPLETELY OSSIFIED	OS OCCIPITALE OS PARIETALE, BILATERAL OS INTERPARIETALE OS HYOIDEUM ZYGOMATIC PROCESS OF MAXILLA, LEFT ZYGOMATIC PROCESS OF MAXILLA, RIGHT JUGAL, LEFT JUGAL, RIGHT ZYGOMATIC PROCESS OF SQUAMOSAL, LEFT DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 3 PROXIMAL PHALANX, LEFT DIGIT 4 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 3 PROXIMAL PHALANX, RIGHT DIGIT 4 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT
FETUS 6	NON-OSSIFIED.	TALUS RIGHT
FETUS 8	INCOMPLETELY OSSIFIED NON-OSSIFIED.	OS INTERPARIETALE DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT

DAM 2

FETUS 10	NON-OSSIFIED.	DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT TALUS LEFT TALUS RIGHT SUPERNUMERARY, ONE RUDIMENTARY. ABNORMAL FINDING(S)
FETUS 12	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 14	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT RIB(S), RIGHT
FETUS 16	NO ABNORMAL FINDING	
FETUS 18	NON-OSSIFIED.	TALUS RIGHT
FETUS 20	NON-OSSIFIED.	DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 1 (0 MG/KG)

DAM 3

FETUS 23	NON-OSSIFIED	TALUS LEFT TALUS RIGHT
FETUS 25	INCOMPLETELY OSSIFIED NON-OSSIFIED	STERNEBRA 5 TALUS LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 5 PROXIMAL PHALANX, RIGHT VARIOUS BONES
FETUS 27	NON-OSSIFIED	TALUS LEFT TALUS RIGHT
FETUS 29	NON-OSSIFIED SUPERNUMERARY, ONE RUDIMENTARY ABNORMAL FINDING(S)	TALUS LEFT TALUS RIGHT RIB(S), LEFT VARIOUS BONES
FETUS 31	NON-OSSIFIED ABNORMAL FINDING(S)	TALUS LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 5 PROXIMAL PHALANX, RIGHT VARIOUS BONES
FETUS 33	NON-OSSIFIED SUPERNUMERARY, ONE RUDIMENTARY	TALUS LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), LEFT RIB(S), RIGHT
FETUS 35	NON-OSSIFIED SUPERNUMERARY, ONE RUDIMENTARY	TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT

DAM 4

FETUS 38	INCOMPLETELY OSSIFIED ABNORMAL FINDING(S)	STERNEBRA 5 VARIOUS BONES
FETUS 40	INCOMPLETELY OSSIFIED	OS INTERPARIETALE
FETUS 42	NO ABNORMAL FINDING	
FETUS 44	INCOMPLETELY OSSIFIED	OS INTERPARIETALE STERNEBRA 5
FETUS 46	INCOMPLETELY OSSIFIED ABNORMAL FINDING(S)	STERNEBRA 5 VARIOUS BONES

DAM 5

FETUS 74	NON-OSSIFIED	TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT METATARSALIA 1, RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 76	NON-OSSIFIED	TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 1 (0 MG/KG)

DAM 5 CONT.

FETUS 76	NON-OSSIFIED	TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), LEFT RIB(S), RIGHT ABNORMAL FINDING(S)
FETUS 78	NON-OSSIFIED	TALUS LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 5 PROXIMAL PHALANX, RIGHT ABNORMAL FINDING(S)
FETUS 80	NON-OSSIFIED	DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT SUPERNUMERARY, ONE RUDIMENTARY
FETUS 82	NON-OSSIFIED	DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT METATARSALIA 1, LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT METATARSALIA 1, RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 84	NON-OSSIFIED	DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT

DAM 6

FETUS 87	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CAUDAL VERTEBRAE, SOME DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT
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BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 1 (0 MG/KG)

DAM 6 CONT.

FETUS 87	NON-OSSIFIED	METATARSALIA 1, LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT METATARSALIA 1, RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), LEFT SUPERNUMERARY, ONE RUDIMENTARY
FETUS 89	NON-OSSIFIED	TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), LEFT RIB(S), RIGHT SUPERNUMERARY, ONE RUDIMENTARY
FETUS 91	NON-OSSIFIED	DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), LEFT RIB(S), RIGHT SUPERNUMERARY, ONE RUDIMENTARY
FETUS 93	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 CERVICAL VERTEBRAL BODY 5 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT SUPERNUMERARY
FETUS 95	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 3 DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT SUPERNUMERARY
FETUS 97	NON-OSSIFIED	TOE 5 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, RIGHT

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 1 (0 MG/KG)

DAM 7

FETUS 99	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 101	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 CERVICAL VERTEBRAL BODY 5 CERVICAL VERTEBRAL BODY 6 CAUDAL VERTEBRAE, SOME DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 103	NON-OSSIFIED.	DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 105	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CAUDAL VERTEBRAE, SOME DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 107	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 109	NON-OSSIFIED.	DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 5 PROXIMAL PHALANX, RIGHT

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 1 (0 MG/KG)

DAM 7 CONT.

FETUS 111	NON-OSSIFIED.	DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
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DAM 8

FETUS 114	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TOE 2 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
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FETUS 116	NON-OSSIFIED.	DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT
	SUPERNUMERARY, ONE RUDIMENTARY.	

FETUS 118	NON-OSSIFIED.	TOE 5 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), RIGHT VARIOUS BONES
	SUPERNUMERARY, ONE RUDIMENTARY.	
	ABNORMAL FINDING(S)	

FETUS 120	NON-OSSIFIED.	DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TOE 2 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TOE 2 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
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FETUS 122	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), LEFT VARIOUS BONES
	SUPERNUMERARY, ONE RUDIMENTARY.	
	ABNORMAL FINDING(S)	

FETUS 124	NON-OSSIFIED.	TALUS LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 5 PROXIMAL PHALANX, RIGHT VARIOUS BONES
	ABNORMAL FINDING(S)	

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 1 (0 MG/KG)

DAM 9

FETUS 126	NON-OSSIFIED	DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT METATARSALIA 1, LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT METATARSALIA 1, RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), LEFT RIB(S), RIGHT
FETUS 128	NON-OSSIFIED	DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), LEFT RIB(S), RIGHT
FETUS 130	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 1 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 132	NON-OSSIFIED	DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT METATARSALIA 1, LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT METATARSALIA 1, RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 134	NON-OSSIFIED	CAUDAL VERTEBRAE, SOME

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 1 (0 MG/KG)

DAM 9 CONT.

FETUS 134	NON-OSSIFIED	DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 3 PROXIMAL PHALANX, LEFT DIGIT 4 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 3 PROXIMAL PHALANX, RIGHT DIGIT 4 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT METATARSALIA 1, LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT METATARSALIA 1, RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), LEFT VARIOUS BONES
FETUS 136	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 4 CAUDAL VERTEBRAE, SOME DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 4 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT METATARSALIA 1, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT METATARSALIA 1, RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 138	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 1 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT METATARSALIA 1, LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT METATARSALIA 1, RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), LEFT
FETUS 140	NON-OSSIFIED	DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT

BONE EXAMINATIONS

OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 1 (0 MG/KG)

DAM 9 CONT.

FETUS 140	NON-OSSIFIED	TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT VARIOUS BONES
	ABNORMAL FINDING(S)	

DAM 10

FETUS 251	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 CERVICAL VERTEBRAL BODY 5 DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT
FETUS 253	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 1 STERNEBRA 5 TALUS LEFT TALUS RIGHT
FETUS 255	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 5 DIGIT 5 PROXIMAL PHALANX, LEFT TALUS LEFT TALUS RIGHT
FETUS 257	NON-OSSIFIED	TALUS LEFT TALUS RIGHT
FETUS 259	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 TALUS LEFT TALUS RIGHT
FETUS 261	NON-OSSIFIED	TALUS LEFT TALUS RIGHT

DAM 11

FETUS 263	NO ABNORMAL FINDING	
FETUS 265	NO ABNORMAL FINDING	
FETUS 267	SUPERNUMERARY, ONE RUDIMENTARY	RIB(S), LEFT
	ABNORMAL FINDING(S)	VARIOUS BONES
FETUS 269	INCOMPLETELY OSSIFIED	OS INTERPARIETALE
	SUPERNUMERARY, ONE RUDIMENTARY	RIB(S), LEFT
	ABNORMAL FINDING(S)	RIB(S), RIGHT
		VARIOUS BONES
FETUS 271	NON-OSSIFIED	DIGIT 5 PROXIMAL PHALANX, LEFT

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 1 (0 MG/KG)

DAM 11 CONT.

FETUS 271	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 273	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY.	TALUS LEFT TALUS RIGHT RIB(S), RIGHT

DAM 12

FETUS 276	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 278	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 280	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1
FETUS 282	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 284	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT
FETUS 286	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY.	TALUS LEFT TALUS RIGHT RIB(S), RIGHT
FETUS 288	NO ABNORMAL FINDING	

DAM 13

FETUS 291	INCOMPLETELY OSSIFIED ABNORMAL FINDING(S)	OS INTERPARIETALE VARIOUS BONES
FETUS 293	NO ABNORMAL FINDING	
FETUS 295	NO ABNORMAL FINDING	
FETUS 297	ABNORMAL FINDING(S)	VARIOUS BONES
FETUS 299	NO ABNORMAL FINDING	
FETUS 301	NON-OSSIFIED.	TALUS LEFT

DAM 14

FETUS 304	NON-OSSIFIED.	DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT
FETUS 306	INCOMPLETELY OSSIFIED NON-OSSIFIED.	OS INTERPARIETALE THORACIC VERTEBRAL BODY 2 SACRAL VERTEBRA 2 SACRAL VERTEBRA 3 SACRAL VERTEBRA 4 STERNEBRA 1 STERNEBRA 3 STERNEBRA 4 CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 CERVICAL VERTEBRAL BODY 5 CERVICAL VERTEBRAL BODY 6 CERVICAL VERTEBRAL BODY 7

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 1 (0 MG/KG)

DAM 14 CONT.

FETUS 306	NON-OSSIFIED	THORACIC VERTEBRAL BODY 1 CAUDAL VERTEBRAE, SOME OS PUBIS LEFT OS PUBIS RIGHT STERNEBRA 2 STERNEBRA 5 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 3 PROXIMAL PHALANX, LEFT DIGIT 4 PROXIMAL PHALANX, LEFT METACARPALIA 5, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 3 PROXIMAL PHALANX, RIGHT DIGIT 4 PROXIMAL PHALANX, RIGHT METACARPALIA 5, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT METATARSALIA 1, LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT METATARSALIA 1, RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT VARIOUS BONES ABNORMAL FINDING(S)
FETUS 308	NON-OSSIFIED	TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT
FETUS 310	NON-OSSIFIED	DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT METATARSALIA 1, LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT METATARSALIA 1, RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 312	INCOMPLETELY OSSIFIED	OS INTERPARIETALE THORACIC VERTEBRAL BODY 2 SACRAL VERTEBRA 2 SACRAL VERTEBRA 3 SACRAL VERTEBRA 4 STERNEBRA 1 STERNEBRA 3 STERNEBRA 4 NON-OSSIFIED
		CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 CERVICAL VERTEBRAL BODY 5 CERVICAL VERTEBRAL BODY 6 CERVICAL VERTEBRAL BODY 7 THORACIC VERTEBRAL BODY 1

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 1 (0 MG/KG)

DAM 14 CONT.

FETUS 312	NON-OSSIFIED.	CAUDAL VERTEBRAE, SOME OS PUBIS LEFT OS PUBIS RIGHT STERNEBRA 2 STERNEBRA 5 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 3 PROXIMAL PHALANX, LEFT DIGIT 4 PROXIMAL PHALANX, LEFT METACARPALIA 5, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 3 PROXIMAL PHALANX, RIGHT DIGIT 4 PROXIMAL PHALANX, RIGHT METACARPALIA 5, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT METATARSALIA 1, LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT METATARSALIA 1, RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT VARIOUS BONES
FETUS 314	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 TALUS LEFT TALUS RIGHT
FETUS 316	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT

DAM 15

FETUS 318	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT SUPERNUMERARY, ONE RUDIMENTARY.
FETUS 320	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 322	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 TALUS LEFT TALUS RIGHT SUPERNUMERARY, ONE.
	ABNORMAL FINDING(S)	RIB(S), LEFT RIB(S), RIGHT VARIOUS BONES
FETUS 324	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT RIB(S), RIGHT
FETUS 326	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT SUPERNUMERARY, ONE RUDIMENTARY.

DAM 16

FETUS 541	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT SUPERNUMERARY, ONE RUDIMENTARY.
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BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 1 (0 MG/KG)

DAM 16 CONT.

FETUS 543	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 1 TALUS LEFT TALUS RIGHT
FETUS 545	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 1 TALUS LEFT TALUS RIGHT
FETUS 547	NON-OSSIFIED	DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 549	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 1 TALUS LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), RIGHT
FETUS 551	INCOMPLETELY OSSIFIED NON-OSSIFIED	OS INTERPARIETALE CERVICAL VERTEBRAL BODY 1
FETUS 553	NON-OSSIFIED	TALUS LEFT TALUS RIGHT

DAM 17

FETUS 555	NON-OSSIFIED	TALUS LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT VARIOUS BONES
FETUS 557	INCOMPLETELY OSSIFIED NON-OSSIFIED	STERNEBRA 6 TALUS LEFT TALUS RIGHT
FETUS 559	NON-OSSIFIED SUPERNUMERARY, ONE RUDIMENTARY	TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT
FETUS 561	INCOMPLETELY OSSIFIED NON-OSSIFIED SUPERNUMERARY, ONE RUDIMENTARY	STERNEBRA 5 TALUS LEFT TALUS RIGHT RIB(S), LEFT
FETUS 563	NON-OSSIFIED	TALUS LEFT TALUS RIGHT
FETUS 565	NON-OSSIFIED ABNORMAL FINDING(S)	TALUS LEFT TALUS RIGHT VARIOUS BONES
FETUS 567	NON-OSSIFIED	TALUS RIGHT

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 1 (0 MG/KG)

DAM 18

FETUS 569	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 571	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 573	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 TALUS LEFT TALUS RIGHT
FETUS 575	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 577	NO ABNORMAL FINDING	
FETUS 579	NO ABNORMAL FINDING	
FETUS 581	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 583	INCOMPLETELY OSSIFIED NON-OSSIFIED.	OS INTERPARIETALE TALUS LEFT TALUS RIGHT

DAM 19

FETUS 772	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 774	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 TALUS LEFT TALUS RIGHT
FETUS 776	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 778	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 780	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 782	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 784	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 TALUS LEFT TALUS RIGHT

DAM 20

FETUS 786	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 788	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT TALUS LEFT TALUS RIGHT
FETUS 790	NON-OSSIFIED.	DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 1 (0 MG/KG)

DAM 20 CONT.

FETUS 790	NON-OSSIFIED	TALUS LEFT TALUS RIGHT
FETUS 792	INCOMPLETELY OSSIFIED NON-OSSIFIED	STERNEBRA 5 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT
FETUS 794	NO ABNORMAL FINDING	
FETUS 796	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 CERVICAL VERTEBRAL BODY 5 TALUS LEFT TALUS RIGHT

DAM 21

FETUS 799	INCOMPLETELY OSSIFIED NON-OSSIFIED	STERNEBRA 5 CERVICAL VERTEBRAL BODY 1 TALUS LEFT TALUS RIGHT
FETUS 801	INCOMPLETELY OSSIFIED NON-OSSIFIED SUPERNUMERARY, ONE RUDIMENTARY	STERNEBRA 5 CERVICAL VERTEBRAL BODY 1 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT
FETUS 803	NON-OSSIFIED	TALUS LEFT TALUS RIGHT
FETUS 805	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 1 TALUS LEFT TALUS RIGHT
FETUS 807	NON-OSSIFIED	TALUS LEFT TALUS RIGHT
FETUS 809	INCOMPLETELY OSSIFIED	OS INTERPARIETALE
FETUS 811	INCOMPLETELY OSSIFIED NON-OSSIFIED	OS INTERPARIETALE OS PARIETALE, LEFT CERVICAL VERTEBRAL BODY 2 STERNEBRA 5 TALUS LEFT TALUS RIGHT

DAM 22

FETUS 1026	NON-OSSIFIED	TALUS LEFT TALUS RIGHT
FETUS 1028	NON-OSSIFIED	DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 1 (0 MG/KG)

DAM 22 CONT.

FETUS 1030	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT
FETUS 1032	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 1034	INCOMPLETELY OSSIFIED NON-OSSIFIED.	OS INTERPARIETALE DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 4 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT RIB(S), RIGHT
	SUPERNUMERARY, ONE RUDIMENTARY.	

BONE EXAMINATIONS

OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 2 (100 MG/KG)

DAM 23

FETUS 49	NON-OSSIFIED.	STERNEBRA 5 TALUS LEFT TALUS RIGHT
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DAM 24

FETUS 142	NON-OSSIFIED.	DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), LEFT RIB(S), RIGHT
FETUS 144	NON-OSSIFIED.	DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT METATARSALIA 1, LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT METATARSALIA 1, RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), LEFT RIB(S), RIGHT ABNORMAL FINDING(S)
FETUS 146	NON-OSSIFIED.	DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), LEFT
FETUS 148	NON-OSSIFIED.	TOE 2 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), LEFT RIB(S), RIGHT ABNORMAL FINDING(S)
FETUS 150	INCOMPLETELY OSSIFIED NON-OSSIFIED.	STERNEBRA 5 DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 2 (100 MG/KG)

DAM 24 CONT.

FETUS 150	NON-OSSIFIED	TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT ABNORMAL FINDING(S)
FETUS 152	NON-OSSIFIED	DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT TALUS LEFT METATARSALIA 1, LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT METATARSALIA 1, RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT

DAM 25

FETUS 155	SUPERNUMERARY, ONE RUDIMENTARY	RIB(S), RIGHT
FETUS 157	NON-OSSIFIED	TOE 5 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, RIGHT SUPERNUMERARY, ONE RUDIMENTARY
FETUS 159	NO ABNORMAL FINDING	
FETUS 161	NON-OSSIFIED	TALUS RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 163	NON-OSSIFIED	DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 5 PROXIMAL PHALANX, RIGHT SUPERNUMERARY, ONE RUDIMENTARY
FETUS 165	SUPERNUMERARY, ONE RUDIMENTARY	RIB(S), LEFT RIB(S), RIGHT ABNORMAL FINDING(S)

DAM 26

FETUS 168	NON-OSSIFIED	TALUS LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 170	INCOMPLETELY OSSIFIED NON-OSSIFIED	STERNEBRA 5 DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 2 (100 MG/KG)

DAM 26 CONT.

FETUS 170	NON-OSSIFIED	TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT VARIOUS BONES
FETUS 172	NON-OSSIFIED	TALUS LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 174	INCOMPLETELY OSSIFIED NON-OSSIFIED	STERNEBRA 5 CERVICAL VERTEBRAL BODY 1 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT METATARSALIA 1, LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT METATARSALIA 1, RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 176	INCOMPLETELY OSSIFIED NON-OSSIFIED	STERNEBRA 5 CERVICAL VERTEBRAL BODY 1 CAUDAL VERTEBRAE, SOME DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT TALUS LEFT METATARSALIA 1, LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT METATARSALIA 1, RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 178	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 1 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT METATARSALIA 1, LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT METATARSALIA 1, RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT

BONE EXAMINATIONS

OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 2 (100 MG/KG)

DAM 27

FETUS 328	NON-OSSIFIED	TALUS LEFT TALUS RIGHT
FETUS 330	NON-OSSIFIED	TALUS LEFT TALUS RIGHT
FETUS 332	NON-OSSIFIED	TALUS LEFT TALUS RIGHT
FETUS 334	NON-OSSIFIED	TALUS LEFT TALUS RIGHT
FETUS 336	INCOMPLETELY OSSIFIED NON-OSSIFIED	STERNEBRA 5 TALUS LEFT TALUS RIGHT
FETUS 338	NON-OSSIFIED	TALUS LEFT TALUS RIGHT

DAM 28

FETUS 341	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT
FETUS 343	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 2 TALUS LEFT TALUS RIGHT
FETUS 345	INCOMPLETELY OSSIFIED NON-OSSIFIED	THORACIC VERTEBRAL BODY 2 SACRAL VERTEBRA 2 SACRAL VERTEBRA 3 SACRAL VERTEBRA 4 STERNEBRA 1 STERNEBRA 3 STERNEBRA 4 STERNEBRA 6 CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 CERVICAL VERTEBRAL BODY 5 CERVICAL VERTEBRAL BODY 6 CERVICAL VERTEBRAL BODY 7 THORACIC VERTEBRAL BODY 1 CAUDAL VERTEBRAE, ALL OS PUBIS LEFT OS PUBIS RIGHT STERNEBRA 2 STERNEBRA 5 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 3 PROXIMAL PHALANX, LEFT DIGIT 4 PROXIMAL PHALANX, LEFT METACARPALIA 5, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 3 PROXIMAL PHALANX, RIGHT DIGIT 4 PROXIMAL PHALANX, RIGHT METACARPALIA 5, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT METATARSALIA 1, LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 2 (100 MG/KG)

DAM 28 CONT.

FETUS 345	NON-OSSIFIED	TOE 4 PROXIMAL PHALANX, LEFT METATARSALIA 5, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT METATARSALIA 1, RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT METATARSALIA 5, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT VARIOUS BONES
	ABNORMAL FINDING(S)	
FETUS 347	INCOMPLETELY OSSIFIED	THORACIC VERTEBRAL BODY 2 THORACIC VERTEBRAL BODY 3 SACRAL VERTEBRA 2 SACRAL VERTEBRA 3 SACRAL VERTEBRA 4 OS PUBIS LEFT OS PUBIS RIGHT STERNEBRA 4 CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 CERVICAL VERTEBRAL BODY 5 CERVICAL VERTEBRAL BODY 6 CERVICAL VERTEBRAL BODY 7 THORACIC VERTEBRAL BODY 1 CAUDAL VERTEBRAE, ALL STERNEBRA 1 STERNEBRA 2 STERNEBRA 5 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 3 PROXIMAL PHALANX, LEFT DIGIT 4 PROXIMAL PHALANX, LEFT METACARPALIA 5, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 3 PROXIMAL PHALANX, RIGHT DIGIT 4 PROXIMAL PHALANX, RIGHT METACARPALIA 5, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT METATARSALIA 1, LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT METATARSALIA 1, RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT VARIOUS BONES
	ABNORMAL FINDING(S)	
FETUS 349	INCOMPLETELY OSSIFIED	THORACIC VERTEBRAL BODY 2 SACRAL VERTEBRA 2 SACRAL VERTEBRA 3 SACRAL VERTEBRA 4 STERNEBRA 4 CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 CERVICAL VERTEBRAL BODY 5 CERVICAL VERTEBRAL BODY 6 CERVICAL VERTEBRAL BODY 7

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 2 (100 MG/KG)

DAM 28 CONT.

FETUS 349	NON-OSSIFIED	THORACIC VERTEBRAL BODY 1 CAUDAL VERTEBRAE, SOME OS PUBIS LEFT OS PUBIS RIGHT STERNEBRA 1 STERNEBRA 2 STERNEBRA 3 STERNEBRA 5 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 3 PROXIMAL PHALANX, LEFT DIGIT 4 PROXIMAL PHALANX, LEFT METACARPALIA 5, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 3 PROXIMAL PHALANX, RIGHT DIGIT 4 PROXIMAL PHALANX, RIGHT METACARPALIA 5, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT METATARSALIA 1, LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT METATARSALIA 1, RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT VARIOUS BONES
FETUS 351	INCOMPLETELY OSSIFIED	THORACIC VERTEBRAL BODY 2 SACRAL VERTEBRA 2 SACRAL VERTEBRA 3 SACRAL VERTEBRA 4 STERNEBRA 6 CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 CERVICAL VERTEBRAL BODY 5 CERVICAL VERTEBRAL BODY 6 CERVICAL VERTEBRAL BODY 7 THORACIC VERTEBRAL BODY 1 CAUDAL VERTEBRAE, SOME OS PUBIS LEFT OS PUBIS RIGHT STERNEBRA 1 STERNEBRA 2 STERNEBRA 3 STERNEBRA 4 STERNEBRA 5 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 3 PROXIMAL PHALANX, LEFT DIGIT 4 PROXIMAL PHALANX, LEFT METACARPALIA 5, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 3 PROXIMAL PHALANX, RIGHT DIGIT 4 PROXIMAL PHALANX, RIGHT METACARPALIA 5, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT METATARSALIA 1, LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 2 (100 MG/KG)

DAM 28 CONT.

FETUS 351	NON-OSSIFIED	TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT METATARSALIA 1, RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
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DAM 29

FETUS 354	INCOMPLETELY OSSIFIED NON-OSSIFIED	OS INTERPARIETALE CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT ABNORMAL FINDING(S)
FETUS 356	NO ABNORMAL FINDING	
FETUS 358	NON-OSSIFIED SUPERNUMERARY, ONE RUDIMENTARY	TALUS LEFT RIB(S), LEFT
FETUS 360	INCOMPLETELY OSSIFIED NON-OSSIFIED SUPERNUMERARY, ONE RUDIMENTARY	OS INTERPARIETALE TALUS LEFT TALUS RIGHT RIB(S), LEFT
FETUS 362	INCOMPLETELY OSSIFIED NON-OSSIFIED SUPERNUMERARY, ONE RUDIMENTARY	OS INTERPARIETALE TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT
FETUS 364	NON-OSSIFIED SUPERNUMERARY, ONE RUDIMENTARY	CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 5 TALUS LEFT TALUS RIGHT RIB(S), LEFT
FETUS 366	INCOMPLETELY OSSIFIED NON-OSSIFIED	OS PARIETALE, BILATERAL OS INTERPARIETALE TALUS LEFT TALUS RIGHT

DAM 30

FETUS 368	NO ABNORMAL FINDING
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FETUS 370	SUPERNUMERARY, ONE RUDIMENTARY	RIB(S), RIGHT
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DAM 31

FETUS 373	NON-OSSIFIED SUPERNUMERARY, ONE RUDIMENTARY	TALUS LEFT TALUS RIGHT RIB(S), RIGHT
FETUS 375	NO ABNORMAL FINDING	
FETUS 377	NO ABNORMAL FINDING	
FETUS 379	NO ABNORMAL FINDING	

BONE EXAMINATIONS

OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 2 (100 MG/KG)

DAM 31 CONT.

FETUS 381 SUPERNUMERARY, ONE RUDIMENTARY. RIB(S), LEFT

DAM 32

FETUS 384 NON-OSSIFIED. TALUS LEFT
 TALUS RIGHT

FETUS 386 NON-OSSIFIED. TALUS LEFT
 TALUS RIGHT
 RIB(S), LEFT
 VARIOUS BONES
 ABNORMAL FINDING(S)

FETUS 388 ABNORMAL FINDING(S) VARIOUS BONES

FETUS 390 NON-OSSIFIED. TALUS LEFT
 TALUS RIGHT
 RIB(S), LEFT
 RIB(S), RIGHT
 SUPERNUMERARY, ONE RUDIMENTARY.

FETUS 392 SUPERNUMERARY, ONE RUDIMENTARY. RIB(S), LEFT

FETUS 394 NON-OSSIFIED. CERVICAL VERTEBRAL BODY 2
 CERVICAL VERTEBRAL BODY 3
 CERVICAL VERTEBRAL BODY 4
 TALUS LEFT
 TALUS RIGHT
 RIB(S), LEFT
 RIB(S), RIGHT
 SUPERNUMERARY, ONE RUDIMENTARY.

FETUS 396 NO ABNORMAL FINDING

DAM 33

FETUS 585 NON-OSSIFIED. TALUS LEFT
 TALUS RIGHT

FETUS 587 NON-OSSIFIED. TALUS LEFT
 TALUS RIGHT
 VARIOUS BONES
 ABNORMAL FINDING(S)

FETUS 589 SUPERNUMERARY, ONE RUDIMENTARY. RIB(S), LEFT
 RIB(S), RIGHT

FETUS 591 NON-OSSIFIED. CERVICAL VERTEBRAL BODY 1
 TALUS LEFT
 TALUS RIGHT

FETUS 593 NON-OSSIFIED. TALUS LEFT
 TALUS RIGHT
 VARIOUS BONES
 ABNORMAL FINDING(S)

FETUS 595 NON-OSSIFIED. TALUS LEFT
 TALUS RIGHT

FETUS 597 NON-OSSIFIED. TALUS LEFT
 TALUS RIGHT

FETUS 599 NON-OSSIFIED. TALUS LEFT
 TALUS RIGHT

DAM 34

FETUS 601 NO ABNORMAL FINDING

FETUS 603 SUPERNUMERARY, ONE RUDIMENTARY. RIB(S), LEFT

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 2 (100 MG/KG)

DAM 34 CONT.

FETUS 603	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), RIGHT
FETUS 605	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 607	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY.	TALUS LEFT RIB(S), RIGHT
FETUS 609	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY. ABNORMAL FINDING(S)	TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT VARIOUS BONES
FETUS 611	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT

DAM 35

FETUS 614	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY.	CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 TALUS LEFT TALUS RIGHT RIB(S), RIGHT
FETUS 616	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY. ABNORMAL FINDING(S)	TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT VARIOUS BONES
FETUS 618	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY.	CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 CERVICAL VERTEBRAL BODY 5 DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), RIGHT
FETUS 620	INCOMPLETELY OSSIFIED NON-OSSIFIED. ABNORMAL FINDING(S)	STERNEBRA 6 CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT METATARSALIA 1, LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT VARIOUS BONES
FETUS 622	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY. ABNORMAL FINDING(S)	TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT VARIOUS BONES
FETUS 624	INCOMPLETELY OSSIFIED NON-OSSIFIED. ABNORMAL FINDING(S)	STERNEBRA 6 CERVICAL VERTEBRAL BODY 3 TALUS LEFT TALUS RIGHT VARIOUS BONES

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 2 (100 MG/KG)

DAM 36

FETUS 626	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT RIB(S), RIGHT
FETUS 628	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), RIGHT
FETUS 630	SUPERNUMERARY, ONE.	RIB(S), RIGHT
	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT
	ABNORMAL FINDING(S)	VARIOUS BONES
FETUS 632	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT
FETUS 634	NON-OSSIFIED.	TALUS LEFT RIB(S), LEFT
	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), RIGHT
	ABNORMAL FINDING(S)	VARIOUS BONES
FETUS 636	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT RIB(S), RIGHT
	ABNORMAL FINDING(S)	VARIOUS BONES
FETUS 638	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
	SUPERNUMERARY, ONE.	RIB(S), LEFT
	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), RIGHT
	ABNORMAL FINDING(S)	VARIOUS BONES

DAM 37

FETUS 641	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 3 TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT ABNORMAL FINDING(S)
FETUS 643	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 TALUS LEFT TALUS RIGHT
FETUS 645	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 CERVICAL VERTEBRAL BODY 5 TALUS LEFT TALUS RIGHT
FETUS 647	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 CERVICAL VERTEBRAL BODY 5 TALUS LEFT TALUS RIGHT ABNORMAL FINDING(S)
FETUS 649	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 TALUS LEFT TALUS RIGHT
FETUS 651	INCOMPLETELY OSSIFIED NON-OSSIFIED.	OS INTERPARIETALE CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 2 (100 MG/KG)

DAM 37 CONT.

FETUS 651	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
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DAM 38

FETUS 813	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), RIGHT
FETUS 815	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 817	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 819	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT RIB(S), RIGHT
FETUS 821	NON-OSSIFIED.	TALUS LEFT RIB(S), LEFT RIB(S), RIGHT
FETUS 823	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT RIB(S), LEFT
FETUS 825	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT

DAM 39

FETUS 827	INCOMPLETELY OSSIFIED	OS INTERPARIETALE
	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 TALUS LEFT TALUS RIGHT
FETUS 829	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 831	INCOMPLETELY OSSIFIED	OS INTERPARIETALE
	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 5 DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT
FETUS 833	INCOMPLETELY OSSIFIED	STERNEBRA 5
	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT TALUS LEFT TALUS RIGHT
FETUS 835	NON-OSSIFIED.	DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT

BONE EXAMINATIONS

OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 2 (100 MG/KG)

DAM 39 CONT.

FETUS 837	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT RIB(S), LEFT
FETUS 839	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT

DAM 40

FETUS 841	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 843	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 5 DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT
FETUS 845	INCOMPLETELY OSSIFIED NON-OSSIFIED.	STERNEBRA 5 CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 5 DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT
FETUS 847	INCOMPLETELY OSSIFIED NON-OSSIFIED.	OS PARIETALE, BILATERAL CERVICAL VERTEBRAL BODY 1 DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT
FETUS 849	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 TALUS LEFT TALUS RIGHT
FETUS 851	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 853	ABNORMAL FINDING(S)	VARIOUS BONES

DAM 41

FETUS 855	NO ABNORMAL FINDING	
FETUS 857	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 859	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 2 (100 MG/KG)

DAM 41 CONT.

FETUS 861	ABNORMAL FINDING(S)	VARIOUS BONES
FETUS 863	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT RIB(S), RIGHT
	SUPERNUMERARY, ONE RUDIMENTARY.	
FETUS 865	NO ABNORMAL FINDING	
DAM 42		
FETUS 868	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT RIB(S), RIGHT
FETUS 870	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 TALUS LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 872	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 TALUS LEFT TALUS RIGHT
FETUS 874	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 RIB(S), LEFT
FETUS 876	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT RIB(S), LEFT
FETUS 878	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT ABNORMAL FINDING(S)
		VARIOUS BONES

DAM 43

FETUS 881	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT RIB(S), RIGHT
FETUS 883	INCOMPLETELY OSSIFIED	OS INTERPARIETALE
	NON-OSSIFIED.	DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT
FETUS 885	NON-OSSIFIED.	DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS RIGHT ABNORMAL FINDING(S)
FETUS 887	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), RIGHT
	ABNORMAL FINDING(S)	VARIOUS BONES
FETUS 889	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 2 (100 MG/KG)

DAM 44

FETUS 1037	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 1039	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), RIGHT
FETUS 1041	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), RIGHT
FETUS 1043	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 1045	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 3 (300 MG/KG)

DAM 45

FETUS 52	INCOMPLETELY OSSIFIED	STERNEBRA 1 STERNEBRA 2 CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 CERVICAL VERTEBRAL BODY 5 CERVICAL VERTEBRAL BODY 6 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), LEFT RIB(S), RIGHT
FETUS 54	NON-OSSIFIED	TALUS LEFT TALUS RIGHT RIB(S), LEFT
FETUS 56	NON-OSSIFIED	TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT
FETUS 58	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 CERVICAL VERTEBRAL BODY 5 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), RIGHT
FETUS 60	NON-OSSIFIED	DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT VARIOUS BONES
FETUS 62	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 3 (300 MG/KG)

DAM 45 CONT.

FETUS 62	NON-OSSIFIED.	TALUS LEFT METATARSALIA 1, LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT METATARSALIA 1, RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), LEFT RIB(S), RIGHT
	SUPERNUMERARY, ONE RUDIMENTARY.	

DAM 46

FETUS 181	NON-OSSIFIED.	TALUS LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), RIGHT
	SUPERNUMERARY, ONE RUDIMENTARY.	
FETUS 183	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 TALUS LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 185	NON-OSSIFIED.	TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 187	NON-OSSIFIED.	TOE 5 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 189	NON-OSSIFIED.	DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT

DAM 47

FETUS 192	NON-OSSIFIED.	TALUS LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 194	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 3 (300 MG/KG)

DAM 47 CONT.

FETUS 194	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), RIGHT
FETUS 196	NON-OSSIFIED.	TOE 2 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), LEFT
FETUS 198	NON-OSSIFIED.	TOE 5 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 200	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 202	NON-OSSIFIED.	TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 5 PROXIMAL PHALANX, RIGHT

DAM 48

FETUS 204	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 206	NON-OSSIFIED.	DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), LEFT
FETUS 208	NON-OSSIFIED.	TOE 5 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 210	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT
FETUS 212	NON-OSSIFIED.	DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT

BONE EXAMINATIONS

**OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 3 (300 MG/KG)**

DAM 48 CONT.

FETUS 212	NON-OSSIFIED.	TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
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DAM 49

FETUS 398	SUPERNUMERARY, ONE RUDIMENTARY. ABNORMAL FINDING(S)	RIB(S), LEFT VARIOUS BONES
FETUS 400	INCOMPLETELY OSSIFIED NON-OSSIFIED.	STERNEBRA 5 CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 CERVICAL VERTEBRAL BODY 5 TALUS LEFT TALUS RIGHT

DAM 50

FETUS 402	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY.	TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT
FETUS 404	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY.	TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT
FETUS 406	INCOMPLETELY OSSIFIED NON-OSSIFIED. SUPERNUMERARY, ONE. ABNORMAL FINDING(S)	STERNEBRA 1 STERNEBRA 2 CAUDAL VERTEBRAE, SOME TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT VARIOUS BONES
FETUS 408	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY.	TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT
FETUS 410	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY.	DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT RIB(S), LEFT
FETUS 412	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY. ABNORMAL FINDING(S)	CERVICAL VERTEBRAL BODY 2 TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT VARIOUS BONES

DAM 51

FETUS 415	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY. ABNORMAL FINDING(S)	TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT VARIOUS BONES
FETUS 417	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 3 (300 MG/KG)

DAM 51 CONT.

FETUS 417	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 CERVICAL VERTEBRAL BODY 5 CERVICAL VERTEBRAL BODY 6 TALUS LEFT TALUS RIGHT SUPERNUMERARY, ONE RUDIMENTARY	RIB(S), LEFT RIB(S), RIGHT
FETUS 419	NON-OSSIFIED	TALUS LEFT TALUS RIGHT	
FETUS 421	NON-OSSIFIED	TALUS LEFT TALUS RIGHT SUPERNUMERARY, ONE RUDIMENTARY	RIB(S), LEFT RIB(S), RIGHT
FETUS 423	NON-OSSIFIED	TALUS LEFT TALUS RIGHT SUPERNUMERARY, ONE RUDIMENTARY	RIB(S), RIGHT
FETUS 425	SUPERNUMERARY, ONE RUDIMENTARY	RIB(S), LEFT RIB(S), RIGHT	
FETUS 427	NON-OSSIFIED	TALUS LEFT TALUS RIGHT SUPERNUMERARY, ONE RUDIMENTARY	RIB(S), LEFT RIB(S), RIGHT

DAM 52

FETUS 430	NON-OSSIFIED	TALUS LEFT TALUS RIGHT SUPERNUMERARY, ONE RUDIMENTARY	RIB(S), LEFT RIB(S), RIGHT
FETUS 432	SUPERNUMERARY, ONE	RIB(S), LEFT	
FETUS 434	NO ABNORMAL FINDING		
FETUS 436	NON-OSSIFIED	TALUS LEFT TALUS RIGHT SUPERNUMERARY, ONE RUDIMENTARY	RIB(S), LEFT RIB(S), RIGHT
FETUS 438	NON-OSSIFIED	TALUS LEFT TALUS RIGHT SUPERNUMERARY, ONE RUDIMENTARY	RIB(S), LEFT RIB(S), RIGHT
FETUS 440	NON-OSSIFIED	TALUS LEFT TALUS RIGHT	

DAM 53

FETUS 442	SUPERNUMERARY, ONE RUDIMENTARY	RIB(S), LEFT
FETUS 444	SUPERNUMERARY, ONE RUDIMENTARY	RIB(S), LEFT RIB(S), RIGHT
FETUS 446	SUPERNUMERARY, ONE RUDIMENTARY	RIB(S), RIGHT ABNORMAL FINDING(S)
FETUS 448	NON-OSSIFIED	TALUS LEFT SUPERNUMERARY, ONE RUDIMENTARY

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 3 (300 MG/KG)

DAM 53 CONT.

FETUS 448	SUPERNUMERARY, ONE RUDIMENTARY	RIB(S), RIGHT
	ABNORMAL FINDING(S)	VARIOUS BONES
FETUS 450	SUPERNUMERARY, ONE RUDIMENTARY	RIB(S), LEFT
	ABNORMAL FINDING(S)	RIB(S), RIGHT
		VARIOUS BONES
FETUS 452	NO ABNORMAL FINDING	
FETUS 454	SUPERNUMERARY, ONE RUDIMENTARY	RIB(S), LEFT
	ABNORMAL FINDING(S)	RIB(S), RIGHT
		VARIOUS BONES

DAM 54

FETUS 456	SUPERNUMERARY, ONE RUDIMENTARY	RIB(S), RIGHT
FETUS 458	NON-OSSIFIED	TALUS LEFT
		TALUS RIGHT
FETUS 460	INCOMPLETELY OSSIFIED	OS PARIETALE, BILATERAL
	SUPERNUMERARY, ONE RUDIMENTARY	OS INTERPARIETALE
		RIB(S), LEFT
		RIB(S), RIGHT
FETUS 462	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 1
FETUS 464	NO ABNORMAL FINDING	
FETUS 466	INCOMPLETELY OSSIFIED	OS INTERPARIETALE
	NON-OSSIFIED	TALUS LEFT
		TALUS RIGHT

DAM 55

FETUS 653	NON-OSSIFIED	TALUS LEFT
FETUS 655	NON-OSSIFIED	TALUS LEFT
		TALUS RIGHT
FETUS 657	SUPERNUMERARY, ONE RUDIMENTARY	RIB(S), LEFT
	ABNORMAL FINDING(S)	RIB(S), RIGHT
		VARIOUS BONES
FETUS 659	NO ABNORMAL FINDING	

DAM 56

FETUS 662	NON-OSSIFIED	TALUS LEFT
	SUPERNUMERARY, ONE RUDIMENTARY	TALUS RIGHT
		RIB(S), RIGHT
FETUS 664	NON-OSSIFIED	TALUS LEFT
		TALUS RIGHT
FETUS 666	NON-OSSIFIED	TALUS LEFT
		TALUS RIGHT
FETUS 668	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 4
		CERVICAL VERTEBRAL BODY 5
		DIGIT 2 PROXIMAL PHALANX, LEFT
		DIGIT 5 PROXIMAL PHALANX, LEFT
		DIGIT 2 PROXIMAL PHALANX, RIGHT
		DIGIT 5 PROXIMAL PHALANX, RIGHT
		TALUS LEFT

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 3 (300 MG/KG)

DAM 56 CONT.

FETUS 668	NON-OSSIFIED. SUPERNUMERARY, ONE. ABNORMAL FINDING(S)	TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT VARIOUS BONES
FETUS 670	NON-OSSIFIED. ABNORMAL FINDING(S)	TALUS LEFT TALUS RIGHT VARIOUS BONES
FETUS 672	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 674	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY.	TALUS LEFT TALUS RIGHT RIB(S), LEFT

DAM 57

FETUS 676	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY.	TALUS LEFT TALUS RIGHT RIB(S), LEFT
FETUS 678	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 680	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY. ABNORMAL FINDING(S)	TALUS LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT VARIOUS BONES
FETUS 682	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY.	TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT
FETUS 684	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY.	DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT
FETUS 686	NON-OSSIFIED.	DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT TOE 5 PROXIMAL PHALANX, RIGHT

DAM 58

FETUS 688	NON-OSSIFIED. ABNORMAL FINDING(S)	TALUS LEFT TALUS RIGHT VARIOUS BONES
FETUS 690	NO ABNORMAL FINDING	
FETUS 692	INCOMPLETELY OSSIFIED	STERNEBRA 5
FETUS 694	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT RIB(S), RIGHT

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 3 (300 MG/KG)

DAM 58 CONT.

FETUS 696	INCOMPLETELY OSSIFIED NON-OSSIFIED.	STERNEBRA 5 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT ABNORMAL FINDING(S) VARIOUS BONES
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DAM 59

FETUS 892	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT
FETUS 894	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY.	DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT
FETUS 896	INCOMPLETELY OSSIFIED SUPERNUMERARY, ONE RUDIMENTARY.	OS INTERPARIETALE OS PARIETALE, RIGHT RIB(S), LEFT RIB(S), RIGHT
FETUS 898	INCOMPLETELY OSSIFIED	OS PARIETALE, BILATERAL OS INTERPARIETALE
FETUS 900	INCOMPLETELY OSSIFIED NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY.	STERNEBRA 5 CERVICAL VERTEBRAL BODY 2 TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT
FETUS 902	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 TALUS LEFT TALUS RIGHT

DAM 60

FETUS 904	INCOMPLETELY OSSIFIED NON-OSSIFIED. ABNORMAL FINDING(S)	OS INTERPARIETALE OS HYOIDEUM TALUS LEFT TALUS RIGHT VARIOUS BONES
FETUS 906	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT RIB(S), RIGHT
FETUS 908	NON-OSSIFIED. SUPERNUMERARY, ONE. SUPERNUMERARY, ONE RUDIMENTARY. ABNORMAL FINDING(S)	TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT VARIOUS BONES
FETUS 910	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT
FETUS 912	NON-OSSIFIED.	TALUS LEFT
FETUS 914	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT
FETUS 916	NO ABNORMAL FINDING	
FETUS 918	NO ABNORMAL FINDING	

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 3 (300 MG/KG)

DAM 61

FETUS 920	NO ABNORMAL FINDING	
FETUS 922	NO ABNORMAL FINDING	
FETUS 924	NO ABNORMAL FINDING	
FETUS 926	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY. ABNORMAL FINDING(S)	TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT VARIOUS BONES
FETUS 928	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY.	CERVICAL VERTEBRAL BODY 1 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT
FETUS 930	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY.	TALUS LEFT RIB(S), LEFT

DAM 62

FETUS 932	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY.	TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT
FETUS 934	NON-OSSIFIED. SUPERNUMERARY, ONE. ABNORMAL FINDING(S)	CERVICAL VERTEBRAL BODY 2 TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT VARIOUS BONES
FETUS 936	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY.	TALUS LEFT RIB(S), LEFT RIB(S), RIGHT
FETUS 938	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY.	TALUS LEFT RIB(S), LEFT
FETUS 940	INCOMPLETELY OSSIFIED NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY. ABNORMAL FINDING(S)	STERNEBRA 2 STERNEBRA 5 CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 CERVICAL VERTEBRAL BODY 5 CERVICAL VERTEBRAL BODY 6 CERVICAL VERTEBRAL BODY 7 DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT VARIOUS BONES
FETUS 942	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY.	CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 5 TALUS LEFT TALUS RIGHT RIB(S), RIGHT

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 3 (300 MG/KG)

DAM 63

FETUS 945	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 1 TALUS LEFT TALUS RIGHT RIB(S), LEFT
	SUPERNUMERARY, ONE RUDIMENTARY	
FETUS 947	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 1 RIB(S), LEFT RIB(S), RIGHT
	SUPERNUMERARY, ONE RUDIMENTARY	
FETUS 949	NO ABNORMAL FINDING	
FETUS 951	INCOMPLETELY OSSIFIED	OS INTERPARIETALE CERVICAL VERTEBRAL BODY 1 TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT
	NON-OSSIFIED	
	SUPERNUMERARY, ONE RUDIMENTARY	
FETUS 953	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 2 TALUS LEFT TALUS RIGHT
FETUS 955	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT
	SUPERNUMERARY, ONE RUDIMENTARY	

DAM 64

FETUS 958	INCOMPLETELY OSSIFIED	OS INTERPARIETALE TALUS LEFT TALUS RIGHT
	NON-OSSIFIED	
FETUS 960	INCOMPLETELY OSSIFIED	OS INTERPARIETALE CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 CERVICAL VERTEBRAL BODY 5 CERVICAL VERTEBRAL BODY 6 CAUDAL VERTEBRAE, SOME STERNEBRA 2 STERNEBRA 5 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT
	NON-OSSIFIED	
FETUS 962	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 3 DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT
FETUS 964	NON-OSSIFIED	TALUS LEFT TALUS RIGHT
FETUS 966	NON-OSSIFIED	TALUS LEFT TALUS RIGHT
FETUS 968	NON-OSSIFIED	TALUS LEFT TALUS RIGHT

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 3 (300 MG/KG)

DAM 64 CONT.

FETUS 968	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT RIB(S), RIGHT
FETUS 970	INCOMPLETELY OSSIFIED NON-OSSIFIED.	OS INTERPARIETALE OS PARIETALE, RIGHT TALUS LEFT TALUS RIGHT
FETUS 972	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY.	TALUS LEFT TALUS RIGHT RIB(S), RIGHT

DAM 65

FETUS 975	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 TALUS LEFT TALUS RIGHT
FETUS 977	INCOMPLETELY OSSIFIED NON-OSSIFIED.	STERNEBRA 5 CERVICAL VERTEBRAL BODY 1 TALUS LEFT TALUS RIGHT
FETUS 979	INCOMPLETELY OSSIFIED NON-OSSIFIED.	OS INTERPARIETALE TALUS LEFT TALUS RIGHT
FETUS 981	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY. ABNORMAL FINDING(S)	TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT VARIOUS BONES
FETUS 983	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT

DAM 66

FETUS 1047	INCOMPLETELY OSSIFIED NON-OSSIFIED.	STERNEBRA 6 CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 4 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 1049	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 1051	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 3 TALUS LEFT TALUS RIGHT
FETUS 1053	INCOMPLETELY OSSIFIED	STERNEBRA 6

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 3 (300 MG/KG)

DAM 66 CONT.

FETUS 1053	NON-OSSIFIED	CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT
FETUS 1055	NON-OSSIFIED	TALUS LEFT TALUS RIGHT
	ABNORMAL FINDING(S)	VARIOUS BONES

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 4 (1000 MG/KG)

DAM 67

FETUS 64	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 66	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 CERVICAL VERTEBRAL BODY 5 CERVICAL VERTEBRAL BODY 6 CERVICAL VERTEBRAL BODY 7 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 3 PROXIMAL PHALANX, LEFT TOE 4 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), LEFT RIB(S), RIGHT
FETUS 68	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 CERVICAL VERTEBRAL BODY 6 DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT ABNORMAL FINDING(S)
FETUS 70	INCOMPLETELY OSSIFIED NON-OSSIFIED.	OS INTERPARIETALE CERVICAL VERTEBRAL BODY 2 TALUS LEFT TALUS RIGHT RIB(S), LEFT
FETUS 72	NON-OSSIFIED.	DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT

DAM 68

FETUS 215	NON-OSSIFIED.	TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), RIGHT
FETUS 217	NON-OSSIFIED.	TALUS LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), LEFT

BONE EXAMINATIONS

OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 4 (1000 MG/KG)

DAM 68 CONT.

FETUS 217	SUPERNUMERARY, ONE RUDIMENTARY. ABNORMAL FINDING(S)	RIB(S), RIGHT VARIOUS BONES
FETUS 219	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY. ABNORMAL FINDING(S)	TALUS LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), LEFT RIB(S), RIGHT VARIOUS BONES
FETUS 221	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY. ABNORMAL FINDING(S)	TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), LEFT RIB(S), RIGHT VARIOUS BONES
FETUS 223	NON-OSSIFIED.	TALUS LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 5 PROXIMAL PHALANX, RIGHT

DAM 69

FETUS 226	NO ABNORMAL FINDING	
FETUS 228	SUPERNUMERARY, ONE RUDIMENTARY. ABNORMAL FINDING(S)	RIB(S), RIGHT VARIOUS BONES
FETUS 230	NO ABNORMAL FINDING	
FETUS 232	NON-OSSIFIED.	TALUS LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 234	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY.	TALUS LEFT TOE 5 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), RIGHT
FETUS 236	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY. ABNORMAL FINDING(S)	TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT VARIOUS BONES

DAM 70

FETUS 239	NON-OSSIFIED.	TOE 5 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 241	NO ABNORMAL FINDING	
FETUS 243	NO ABNORMAL FINDING	
FETUS 245	NO ABNORMAL FINDING	
FETUS 247	NON-OSSIFIED.	TALUS LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT TOE 5 PROXIMAL PHALANX, RIGHT

BONE EXAMINATIONS

OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 4 (1000 MG/KG)

DAM 70 CONT.

FETUS 249	NON-OSSIFIED.	TOE 5 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, RIGHT
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DAM 71

FETUS 468	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 TALUS LEFT TALUS RIGHT
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FETUS 470	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), RIGHT

FETUS 472	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 TALUS LEFT TALUS RIGHT
	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT RIB(S), RIGHT

FETUS 474	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), RIGHT
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FETUS 476	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 TALUS LEFT TALUS RIGHT
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FETUS 478	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 RIB(S), LEFT
	SUPERNUMERARY, ONE RUDIMENTARY.	

FETUS 480	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 TALUS LEFT TALUS RIGHT
	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT RIB(S), RIGHT

DAM 72

FETUS 482	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT
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FETUS 484	NO ABNORMAL FINDING	
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FETUS 486	NO ABNORMAL FINDING	
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FETUS 488	NO ABNORMAL FINDING	
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FETUS 490	NO ABNORMAL FINDING	
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FETUS 492	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT

DAM 73

FETUS 494	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT VARIOUS BONES
	ABNORMAL FINDING(S)	

FETUS 496	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
	SUPERNUMERARY, ONE.	RIB(S), LEFT RIB(S), RIGHT
	ABNORMAL FINDING(S)	VARIOUS BONES

FETUS 498	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
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BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 4 (1000 MG/KG)

DAM 73 CONT.

FETUS 500	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 502	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT RIB(S), RIGHT
FETUS 504	INCOMPLETELY OSSIFIED	OS OCCIPITALE OS INTERPARIETALE STERNEBRA 2 CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 CERVICAL VERTEBRAL BODY 5 CERVICAL VERTEBRAL BODY 6 METACARPALIA 5, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT METACARPALIA 5, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TOE 2 PROXIMAL PHALANX, LEFT TOE 5 PROXIMAL PHALANX, LEFT TALUS RIGHT METATARSALIA 1, RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT RIB(S), LEFT RIB(S), RIGHT
	NON-OSSIFIED.	VARIOUS BONES
	SUPERNUMERARY, ONE RUDIMENTARY.	
	ABNORMAL FINDING(S)	

DAM 74

FETUS 506	NO ABNORMAL FINDING	
FETUS 508	NON-OSSIFIED.	TALUS LEFT
	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT RIB(S), RIGHT
FETUS 510	NO ABNORMAL FINDING	
FETUS 512	NO ABNORMAL FINDING	
FETUS 514	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 TALUS LEFT TALUS RIGHT
FETUS 516	NO ABNORMAL FINDING	

DAM 75

FETUS 518	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1
FETUS 520	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT RIB(S), RIGHT
FETUS 522	NO ABNORMAL FINDING	
FETUS 524	NON-OSSIFIED.	TALUS LEFT RIB(S), RIGHT
FETUS 526	SUPERNUMERARY, ONE RUDIMENTARY.	
	NO ABNORMAL FINDING	

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 4 (1000 MG/KG)

DAM 76

FETUS 529	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT RIB(S), RIGHT
FETUS 531	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT RIB(S), RIGHT
	ABNORMAL FINDING(S)	VARIOUS BONES
FETUS 533	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
	SUPERNUMERARY, ONE.	RIB(S), LEFT
	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), RIGHT
	ABNORMAL FINDING(S)	VARIOUS BONES
FETUS 535	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 537	INCOMPLETELY OSSIFIED	OS INTERPARIETALE
	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1
	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT RIB(S), RIGHT
FETUS 539	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT RIB(S), RIGHT
	ABNORMAL FINDING(S)	VARIOUS BONES

DAM 77

FETUS 699	INCOMPLETELY OSSIFIED	OS INTERPARIETALE
	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT RIB(S), RIGHT
FETUS 701	NO ABNORMAL FINDING	
FETUS 703	NO ABNORMAL FINDING	
FETUS 705	INCOMPLETELY OSSIFIED	OS INTERPARIETALE
	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), RIGHT
FETUS 707	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), RIGHT
FETUS 709	NON-OSSIFIED.	TALUS LEFT
	ABNORMAL FINDING(S)	VARIOUS BONES
FETUS 711	NO ABNORMAL FINDING	

DAM 78

FETUS 713	NO ABNORMAL FINDING	
FETUS 715	NON-OSSIFIED.	TALUS LEFT
FETUS 717	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 719	NO ABNORMAL FINDING	
FETUS 721	NO ABNORMAL FINDING	
DAM 79		
FETUS 723	INCOMPLETELY OSSIFIED	OS INTERPARIETALE
	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 4 (1000 MG/KG)

DAM 79 CONT.

FETUS 723	ABNORMAL FINDING(S)	VARIOUS BONES
FETUS 725	NON-OSSIFIED.	DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT RIB(S), RIGHT
	SUPERNUMERARY, ONE RUDIMENTARY.	
FETUS 727	INCOMPLETELY OSSIFIED NON-OSSIFIED.	OS INTERPARIETALE DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 4 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 4 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT
FETUS 729	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 731	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 733	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT

DAM 80

FETUS 738	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 740	INCOMPLETELY OSSIFIED NON-OSSIFIED.	OS INTERPARIETALE TALUS LEFT TALUS RIGHT
FETUS 742	NON-OSSIFIED. SUPERNUMERARY, ONE RUDIMENTARY.	TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT
FETUS 744	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1
FETUS 746	NO ABNORMAL FINDING	

DAM 82

FETUS 749	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT RIB(S), RIGHT
FETUS 751	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT TOE 2 PROXIMAL PHALANX, RIGHT TOE 3 PROXIMAL PHALANX, RIGHT TOE 4 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 753	NO ABNORMAL FINDING	
FETUS 755	NON-OSSIFIED. ABNORMAL FINDING(S)	CERVICAL VERTEBRAL BODY 1 VARIOUS BONES
FETUS 757	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT
FETUS 759	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 4 (1000 MG/KG)

DAM 82 CONT.

FETUS 759	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT
	ABNORMAL FINDING(S)	RIB(S), RIGHT
		VARIOUS BONES

DAM 83

FETUS 761	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 763	NON-OSSIFIED.	DIGIT 5 PROXIMAL PHALANX, LEFT TALUS LEFT
FETUS 765	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 767	INCOMPLETELY OSSIFIED	OS PARIETALE, BILATERAL OS INTERPARIETALE STERNEBRA 3 CERVICAL VERTEBRAL BODY 1 CERVICAL VERTEBRAL BODY 2 CERVICAL VERTEBRAL BODY 3 CERVICAL VERTEBRAL BODY 4 CERVICAL VERTEBRAL BODY 5 CAUDAL VERTEBRAE, SOME STERNEBRA 2 DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT ABNORMAL FINDING(S)
FETUS 769	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT

DAM 84

FETUS 986	NON-OSSIFIED.	DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT
FETUS 988	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT RIB(S), RIGHT
FETUS 990	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 992	NON-OSSIFIED.	DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT
FETUS 994	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT TOE 5 PROXIMAL PHALANX, RIGHT
FETUS 996	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 TALUS LEFT

BONE EXAMINATIONS

OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 4 (1000 MG/KG)

DAM 84 CONT.

FETUS 996	NON-OSSIFIED.	TALUS RIGHT
FETUS 998	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT

DAM 85

FETUS 1001	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT SUPERNUMERARY, ONE RUDIMENTARY.
		RIB(S), LEFT RIB(S), RIGHT
FETUS 1003	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT SUPERNUMERARY, ONE RUDIMENTARY.
		RIB(S), LEFT RIB(S), RIGHT
	ABNORMAL FINDING(S)	VARIOUS BONES
FETUS 1005	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 TALUS LEFT TALUS RIGHT
FETUS 1007	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 TALUS LEFT TALUS RIGHT
FETUS 1009	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 TALUS LEFT TALUS RIGHT
FETUS 1011	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT SUPERNUMERARY, ONE RUDIMENTARY.
		RIB(S), RIGHT

DAM 86

FETUS 1013	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT RIB(S), RIGHT
FETUS 1015	INCOMPLETELY OSSIFIED	OS INTERPARIETALE
	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT
FETUS 1017	NO ABNORMAL FINDING	
FETUS 1019	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT RIB(S), RIGHT
	ABNORMAL FINDING(S)	VARIOUS BONES
FETUS 1021	INCOMPLETELY OSSIFIED	OS INTERPARIETALE
FETUS 1023	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT RIB(S), RIGHT

DAM 87

FETUS 1070	NON-OSSIFIED.	DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TOE 5 PROXIMAL PHALANX, LEFT RIB(S), LEFT
	SUPERNUMERARY, ONE RUDIMENTARY.	
FETUS 1072	NON-OSSIFIED.	DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT

BONE EXAMINATIONS
OSSIFICATION STAGE AND SUPERNUMERARY RIBS
GROUP 4 (1000 MG/KG)

DAM 87 CONT.

FETUS 1072	NON-OSSIFIED.	DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT RIB(S), RIGHT
	SUPERNUMERARY, ONE RUDIMENTARY.	
FETUS 1074	NON-OSSIFIED.	TALUS LEFT RIB(S), LEFT
	SUPERNUMERARY, ONE RUDIMENTARY.	
FETUS 1076	NON-OSSIFIED.	DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT TALUS RIGHT RIB(S), LEFT RIB(S), RIGHT
	SUPERNUMERARY, ONE RUDIMENTARY.	
FETUS 1078	NO ABNORMAL FINDING	
FETUS 1080	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT
FETUS 1082	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT

DAM 88

FETUS 1057	INCOMPLETELY OSSIFIED	STERNEBRA 5 RIB(S), LEFT
	SUPERNUMERARY, ONE RUDIMENTARY.	
FETUS 1059	NON-OSSIFIED.	TALUS LEFT TALUS RIGHT
FETUS 1061	NON-OSSIFIED.	DIGIT 2 PROXIMAL PHALANX, LEFT DIGIT 5 PROXIMAL PHALANX, LEFT DIGIT 2 PROXIMAL PHALANX, RIGHT DIGIT 5 PROXIMAL PHALANX, RIGHT TALUS LEFT VARIOUS BONES
	ABNORMAL FINDING(S)	
FETUS 1063	NON-OSSIFIED.	DIGIT 5 PROXIMAL PHALANX, RIGHT RIB(S), LEFT VARIOUS BONES
	SUPERNUMERARY, ONE RUDIMENTARY.	
	ABNORMAL FINDING(S)	
FETUS 1065	SUPERNUMERARY, ONE RUDIMENTARY.	RIB(S), LEFT RIB(S), RIGHT VARIOUS BONES
	ABNORMAL FINDING(S)	
FETUS 1067	NON-OSSIFIED.	CERVICAL VERTEBRAL BODY 1 RIB(S), LEFT RIB(S), RIGHT VARIOUS BONES
	SUPERNUMERARY, ONE RUDIMENTARY.	
	ABNORMAL FINDING(S)	

CARTILAGE EXAMINATIONS

ADDITIONAL VARIATIONS

GROUP 1 (0 MG/KG)

DAM 1

FETUS 2	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 4	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 6	NO ABNORMAL FINDING	
FETUS 8	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 10 LEFT XIPHOID CARTILAGE

DAM 2

FETUS 10	NO ABNORMAL FINDING	
FETUS 12	NO ABNORMAL FINDING	
FETUS 14	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 11 LEFT XIPHOID CARTILAGE
FETUS 16	NO ABNORMAL FINDING	
FETUS 18	NO ABNORMAL FINDING	
FETUS 20	NO ABNORMAL FINDING	

DAM 3

FETUS 23	NO ABNORMAL FINDING	
FETUS 25	BRANCHED.	XIPHOID CARTILAGE
FETUS 27	BRANCHED. INTERRUPTED	XIPHOID CARTILAGE COSTAL CARTILAGE, 10 LEFT
FETUS 29	BRANCHED.	XIPHOID CARTILAGE
FETUS 31	BRANCHED. LONG. WITH SMALL HOLE	XIPHOID CARTILAGE VENTRAL PLATE, RIGHT CARTILAGINOUS SUPRA-OCCIPITAL RIGHT
FETUS 33	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 11 RIGHT CARTILAGINOUS SUPRA-OCCIPITAL RIGHT
FETUS 35	BRANCHED.	XIPHOID CARTILAGE

DAM 4

FETUS 38	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 40	NO ABNORMAL FINDING	
FETUS 42	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 44	BRANCHED.	XIPHOID CARTILAGE
FETUS 46	WITH SMALL HOLE	XIPHOID CARTILAGE

DAM 5

FETUS 74	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 11 RIGHT XIPHOID CARTILAGE
FETUS 76	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT

CARTILAGE EXAMINATIONS

ADDITIONAL VARIATIONS

GROUP 1 (0 MG/KG)

DAM 5 CONT.

FETUS 78	WITH SMALL HOLE	CARTILAGINOUS SUPRA-OCCIPITAL LEFT
FETUS 80	INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT
FETUS 82	BRANCHED. SMALL PROTUBERANCE DISTAL EXTREMITY	XIPHOID CARTILAGE COSTAL CARTILAGE, 8 RIGHT
FETUS 84	BRANCHED. WITH SMALL HOLE	XIPHOID CARTILAGE CARTILAGINOUS SUPRA-OCCIPITAL LEFT

DAM 6

FETUS 87	NO ABNORMAL FINDING	
FETUS 89	NO ABNORMAL FINDING	
FETUS 91	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT
	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 93	INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT
FETUS 95	NO ABNORMAL FINDING	
FETUS 97	NO ABNORMAL FINDING	

DAM 7

FETUS 99	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 101	INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT
FETUS 103	BRANCHED.	XIPHOID CARTILAGE
FETUS 105	ABNORMAL FINDING(S)	VARIOUS CARTILAGES
FETUS 107	BRANCHED DISTAL EXTREMITY	COSTAL CARTILAGE, 8 LEFT
	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 109	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT
FETUS 111	INTERRUPTED	COSTAL CARTILAGE, 10 LEFT

DAM 8

FETUS 114	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 116	BRANCHED. INTERRUPTED WITH SMALL HOLE	XIPHOID CARTILAGE COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT CARTILAGINOUS SUPRA-OCCIPITAL RIGHT
FETUS 118	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 120	BRANCHED.	XIPHOID CARTILAGE
FETUS 122	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 11 LEFT XIPHOID CARTILAGE
FETUS 124	BRANCHED. BRANCHED DISTAL EXTREMITY INTERRUPTED WITH SMALL HOLE	XIPHOID CARTILAGE COSTAL CARTILAGE, 8 RIGHT COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT CARTILAGINOUS SUPRA-OCCIPITAL LEFT

CARTILAGE EXAMINATIONS

ADDITIONAL VARIATIONS

GROUP 1 (0 MG/KG)

DAM 9

FETUS 126	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
	WITH SMALL HOLE	COSTAL CARTILAGE, 11 RIGHT
		XIPHOID CARTILAGE
FETUS 128	BRANCHED.	XIPHOID CARTILAGE
FETUS 130	ABNORMAL FINDING(S)	VARIOUS CARTILAGES
FETUS 132	BRANCHED.	XIPHOID CARTILAGE
	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
		COSTAL CARTILAGE, 11 RIGHT
FETUS 134	LONG.	COSTAL CARTILAGE, 11 LEFT
	INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT
FETUS 136	INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT
FETUS 138	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 140	BRANCHED.	XIPHOID CARTILAGE
	WITH SMALL HOLE	CARTILAGINOUS SUPRA-OCCIPITAL RIGHT

DAM 10

FETUS 251	BRANCHED.	XIPHOID CARTILAGE
FETUS 253	INTERRUPTED	COSTAL CARTILAGE, 10 RIGHT
FETUS 255	NO ABNORMAL FINDING	
FETUS 257	INTERRUPTED	COSTAL CARTILAGE, 10 LEFT
		COSTAL CARTILAGE, 10 RIGHT
FETUS 259	WITH SMALL HOLE	CARTILAGINOUS SUPRA-OCCIPITAL LEFT
FETUS 261	WITH SMALL HOLE	XIPHOID CARTILAGE

DAM 11

FETUS 263	NO ABNORMAL FINDING	
FETUS 265	NO ABNORMAL FINDING	
FETUS 267	NO ABNORMAL FINDING	
FETUS 269	NO ABNORMAL FINDING	
FETUS 271	INTERRUPTED	COSTAL CARTILAGE, 10 RIGHT
	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 273	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT

DAM 12

FETUS 276	NO ABNORMAL FINDING	
FETUS 278	WITH SMALL HOLE	CARTILAGINOUS SUPRA-OCCIPITAL RIGHT
FETUS 280	NO ABNORMAL FINDING	
FETUS 282	NO ABNORMAL FINDING	
FETUS 284	BRANCHED DISTAL EXTREMITY	COSTAL CARTILAGE, 8 RIGHT
	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT

CARTILAGE EXAMINATIONS

ADDITIONAL VARIATIONS

GROUP 1 (0 MG/KG)

DAM 12 CONT.

FETUS 286	BRANCHED	XIPHOID CARTILAGE
FETUS 288	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 11 RIGHT XIPHOID CARTILAGE

DAM 13

FETUS 291	NO ABNORMAL FINDING	
FETUS 293	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
FETUS 295	LONG	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT
FETUS 297	BRANCHED DISTAL EXTREMITY	COSTAL CARTILAGE, 8 RIGHT COSTAL CARTILAGE, 11 LEFT
FETUS 299	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 11 LEFT CARTILAGINOUS SUPRA-OCCIPITAL LEFT
FETUS 301	NO ABNORMAL FINDING	

DAM 14

FETUS 304	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 10 RIGHT XIPHOID CARTILAGE
FETUS 306	WITH SMALL HOLE	CARTILAGINOUS SUPRA-OCCIPITAL LEFT XIPHOID CARTILAGE
FETUS 308	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 310	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT
FETUS 312	INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT
FETUS 314	BRANCHED	XIPHOID CARTILAGE
FETUS 316	WITH SMALL HOLE	XIPHOID CARTILAGE

DAM 15

FETUS 318	NO ABNORMAL FINDING	
FETUS 320	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 11 RIGHT XIPHOID CARTILAGE
FETUS 322	LONG	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT CARTILAGINOUS SUPRA-OCCIPITAL LEFT SUPERNUMERARY, ONE
FETUS 324	LONG	COSTAL CARTILAGE, 11 RIGHT COSTAL CARTILAGE, 11 LEFT
FETUS 326	BRANCHED	XIPHOID CARTILAGE COSTAL CARTILAGE, 11 LEFT

DAM 16

FETUS 541	WITH SMALL HOLE	XIPHOID CARTILAGE
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CARTILAGE EXAMINATIONS

ADDITIONAL VARIATIONS

GROUP 1 (0 MG/KG)

DAM 16 CONT.

FETUS 543	NO ABNORMAL FINDING	
FETUS 545	BRANCHED INTERRUPTED	XIPHOID CARTILAGE COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT
FETUS 547	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
FETUS 549	NO ABNORMAL FINDING	
FETUS 551	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 11 RIGHT XIPHOID CARTILAGE
FETUS 553	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT

DAM 17

FETUS 555	ABNORMAL FINDING(S)	VARIOUS CARTILAGES
FETUS 557	NO ABNORMAL FINDING	
FETUS 559	BRANCHED INTERRUPTED	XIPHOID CARTILAGE COSTAL CARTILAGE, 11 LEFT
FETUS 561	WITH SMALL HOLE CRANIAL SHIFT TO CERVICAL VERTEBRA 5 . .	CARTILAGINOUS SUPRA-OCCIPITAL RIGHT VENTRAL PLATE, LEFT
FETUS 563	NO ABNORMAL FINDING	
FETUS 565	NO ABNORMAL FINDING	
FETUS 567	SMALL PROTUBERANCE DISTAL EXTREMITY . .	COSTAL CARTILAGE, 9 LEFT

DAM 18

FETUS 569	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 571	NO ABNORMAL FINDING	
FETUS 573	NO ABNORMAL FINDING	
FETUS 575	NO ABNORMAL FINDING	
FETUS 577	NO ABNORMAL FINDING	
FETUS 579	INTERRUPTED	COSTAL CARTILAGE, 10 LEFT
FETUS 581	INTERRUPTED	COSTAL CARTILAGE, 10 LEFT COSTAL CARTILAGE, 10 RIGHT
FETUS 583	BRANCHED SMALL HOLE DISTAL EXTREMITY	XIPHOID CARTILAGE COSTAL CARTILAGE, 8 LEFT

DAM 19

FETUS 772	NO ABNORMAL FINDING	
FETUS 774	NO ABNORMAL FINDING	
FETUS 776	BRANCHED DISTAL EXTREMITY	COSTAL CARTILAGE, 8 RIGHT
FETUS 778	NO ABNORMAL FINDING	
FETUS 780	NO ABNORMAL FINDING	

CARTILAGE EXAMINATIONS

ADDITIONAL VARIATIONS

GROUP 1 (0 MG/KG)

DAM 19 CONT.

FETUS 782	NO ABNORMAL FINDING	
FETUS 784	INTERRUPTED	COSTAL CARTILAGE, 10 RIGHT
DAM 20		
FETUS 786	BRANCHED.	XIPHOID CARTILAGE
	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
	WITH SMALL HOLE	COSTAL CARTILAGE, 11 RIGHT
		CARTILAGINOUS SUPRA-OCCIPITAL LEFT
FETUS 788	BRANCHED.	XIPHOID CARTILAGE
FETUS 790	NO ABNORMAL FINDING	
FETUS 792	BRANCHED.	XIPHOID CARTILAGE
FETUS 794	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 796	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
DAM 21		
FETUS 799	BRANCHED.	XIPHOID CARTILAGE
FETUS 801	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
		COSTAL CARTILAGE, 11 RIGHT
FETUS 803	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
FETUS 805	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
FETUS 807	NO ABNORMAL FINDING	
FETUS 809	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
FETUS 811	NO ABNORMAL FINDING	
DAM 22		
FETUS 1026	NO ABNORMAL FINDING	
FETUS 1028	WITH SMALL HOLE	CARTILAGINOUS SUPRA-OCCIPITAL RIGHT
		XIPHOID CARTILAGE
FETUS 1030	INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT
	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 1032	BRANCHED.	XIPHOID CARTILAGE
	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
FETUS 1034	NO ABNORMAL FINDING	

CARTILAGE EXAMINATIONS

**ADDITIONAL VARIATIONS
GROUP 2 (100 MG/KG)**

DAM 23

FETUS 49 NO ABNORMAL FINDING

DAM 24

FETUS 142	BRANCHED.	XIPHOID CARTILAGE
FETUS 144	LONG. INTERRUPTED SUPERNUMERARY, ONE. ABNORMAL FINDING(S)	COSTAL CARTILAGE, 11 RIGHT COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE(S), LEFT COSTAL CARTILAGE(S), RIGHT VARIOUS CARTILAGES
FETUS 146	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 148	LONG. INTERRUPTED WITH SMALL HOLE SUPERNUMERARY, ONE.	COSTAL CARTILAGE, 11 RIGHT COSTAL CARTILAGE, 11 LEFT XIPHOID CARTILAGE COSTAL CARTILAGE(S), LEFT
FETUS 150	BRANCHED. INTERRUPTED WITH SMALL HOLE CRANIAL SHIFT TO CERVICAL VERTEBRA 5.	XIPHOID CARTILAGE COSTAL CARTILAGE, 10 RIGHT CARTILAGINOUS SUPRA-OCCIPITAL LEFT VENTRAL PLATE, LEFT
FETUS 152	NO ABNORMAL FINDING	

DAM 25

FETUS 155	NO ABNORMAL FINDING	
FETUS 157	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT
FETUS 159	BRANCHED.	XIPHOID CARTILAGE
FETUS 161	BRANCHED.	XIPHOID CARTILAGE
FETUS 163	NO ABNORMAL FINDING	
FETUS 165	INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT

DAM 26

FETUS 168	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 170	BRANCHED. BRANCHED DISTAL EXTREMITY	XIPHOID CARTILAGE COSTAL CARTILAGE, 8 LEFT
FETUS 172	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 10 RIGHT XIPHOID CARTILAGE
FETUS 174	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
FETUS 176	NO ABNORMAL FINDING	
FETUS 178	LONG. WITH SMALL HOLE	VENTRAL PLATE, LEFT CARTILAGINOUS SUPRA-OCCIPITAL RIGHT

DAM 27

FETUS 328	NO ABNORMAL FINDING
FETUS 330	NO ABNORMAL FINDING

CARTILAGE EXAMINATIONS

**ADDITIONAL VARIATIONS
GROUP 2 (100 MG/KG)**

DAM 27 CONT.

FETUS 332	NO ABNORMAL FINDING
FETUS 334	NO ABNORMAL FINDING
FETUS 336	INTERRUPTED COSTAL CARTILAGE, 11 RIGHT
FETUS 338	WITH SMALL HOLE XIPHOID CARTILAGE

DAM 28

FETUS 341	INTERRUPTED COSTAL CARTILAGE, 11 LEFT WITH SMALL HOLE COSTAL CARTILAGE, 11 RIGHT XIPHOID CARTILAGE
FETUS 343	BRANCHED. XIPHOID CARTILAGE
FETUS 345	NO ABNORMAL FINDING
FETUS 347	INTERRUPTED COSTAL CARTILAGE, 11 RIGHT WITH SMALL HOLE CARTILAGINOUS SUPRA-OCCIPITAL LEFT ABNORMAL FINDING(S) VARIOUS CARTILAGES
FETUS 349	BRANCHED. XIPHOID CARTILAGE ABNORMAL FINDING(S) VARIOUS CARTILAGES
FETUS 351	BRANCHED. XIPHOID CARTILAGE INTERRUPTED COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT ABNORMAL FINDING(S) VARIOUS CARTILAGES

DAM 29

FETUS 354	INTERRUPTED COSTAL CARTILAGE, 10 LEFT
FETUS 356	INTERRUPTED COSTAL CARTILAGE, 11 LEFT WITH SMALL HOLE XIPHOID CARTILAGE
FETUS 358	BRANCHED. XIPHOID CARTILAGE
FETUS 360	WITH SMALL HOLE XIPHOID CARTILAGE
FETUS 362	NO ABNORMAL FINDING
FETUS 364	INTERRUPTED COSTAL CARTILAGE, 11 LEFT WITH SMALL HOLE XIPHOID CARTILAGE
FETUS 366	INTERRUPTED COSTAL CARTILAGE, 10 LEFT

DAM 30

FETUS 368	BRANCHED DISTAL EXTREMITY COSTAL CARTILAGE, 8 RIGHT INTERRUPTED COSTAL CARTILAGE, 10 RIGHT WITH SMALL HOLE XIPHOID CARTILAGE
FETUS 370	WITH SMALL HOLE XIPHOID CARTILAGE

DAM 31

FETUS 373	LONG. COSTAL CARTILAGE, 11 RIGHT INTERRUPTED COSTAL CARTILAGE, 11 LEFT
FETUS 375	INTERRUPTED COSTAL CARTILAGE, 11 RIGHT
FETUS 377	NO ABNORMAL FINDING

CARTILAGE EXAMINATIONS

**ADDITIONAL VARIATIONS
GROUP 2 (100 MG/KG)**

DAM 31 CONT.

FETUS 379	BRANCHED	XIPHOID CARTILAGE
FETUS 381	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT

DAM 32

FETUS 384	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 386	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 11 RIGHT CARTILAGINOUS SUPRA-OCCIPITAL LEFT XIPHOID CARTILAGE
FETUS 388	WITH SMALL HOLE ABNORMAL FINDING(S)	XIPHOID CARTILAGE VARIOUS CARTILAGES
FETUS 390	ABNORMAL FINDING(S)	VARIOUS CARTILAGES
FETUS 392	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 394	BRANCHED INTERRUPTED	XIPHOID CARTILAGE COSTAL CARTILAGE, 11 RIGHT
FETUS 396	WITH SMALL HOLE	XIPHOID CARTILAGE

DAM 33

FETUS 585	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 587	BRANCHED	XIPHOID CARTILAGE
FETUS 589	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 11 RIGHT CARTILAGINOUS SUPRA-OCCIPITAL RIGHT
FETUS 591	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 11 LEFT CARTILAGINOUS SUPRA-OCCIPITAL LEFT CARTILAGINOUS SUPRA-OCCIPITAL RIGHT
FETUS 593	INTERRUPTED ABNORMAL FINDING(S)	COSTAL CARTILAGE, 11 RIGHT VARIOUS CARTILAGES
FETUS 595	NO ABNORMAL FINDING	
FETUS 597	INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT
FETUS 599	NO ABNORMAL FINDING	

DAM 34

FETUS 601	NO ABNORMAL FINDING	
FETUS 603	BRANCHED INTERRUPTED WITH SMALL HOLE	XIPHOID CARTILAGE COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT CARTILAGINOUS SUPRA-OCCIPITAL RIGHT
FETUS 605	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 607	INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT
FETUS 609	LONG WITH SMALL HOLE	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT XIPHOID CARTILAGE
FETUS 611	BRANCHED DISTAL EXTREMITY	COSTAL CARTILAGE, 8 RIGHT

CARTILAGE EXAMINATIONS

**ADDITIONAL VARIATIONS
GROUP 2 (100 MG/KG)**

DAM 34 CONT.

FETUS 611 SMALL HOLE DISTAL EXTREMITY
WITH SMALL HOLE COSTAL CARTILAGE, 8 LEFT
XIPHOID CARTILAGE

DAM 35

FETUS 614 BRANCHED
INTERRUPTED XIPHOID CARTILAGE
COSTAL CARTILAGE, 11 LEFT
COSTAL CARTILAGE, 11 RIGHT

FETUS 616 INTERRUPTED COSTAL CARTILAGE, 11 LEFT

FETUS 618 NO ABNORMAL FINDING

FETUS 620 NO ABNORMAL FINDING

FETUS 622 LONG
ABNORMAL FINDING(S) COSTAL CARTILAGE, 11 LEFT
COSTAL CARTILAGE, 11 RIGHT
VARIOUS CARTILAGES

FETUS 624 INTERRUPTED
CRANIAL SHIFT TO CERVICAL VERTEBRA 5
ABNORMAL FINDING(S) VENTRAL PLATE, LEFT
COSTAL CARTILAGE, 11 LEFT
VENTRAL PLATE, LEFT
VARIOUS CARTILAGES

DAM 36

FETUS 626 NO ABNORMAL FINDING

FETUS 628 INTERRUPTED
WITH SMALL HOLE COSTAL CARTILAGE, 11 LEFT
COSTAL CARTILAGE, 11 RIGHT
XIPHOID CARTILAGE

FETUS 630 LONG
WITH SMALL HOLE COSTAL CARTILAGE, 11 LEFT
COSTAL CARTILAGE, 11 RIGHT
CARTILAGINOUS SUPRA-OCCIPITAL RIGHT

FETUS 632 BRANCHED
INTERRUPTED
ABNORMAL FINDING(S) XIPHOID CARTILAGE
COSTAL CARTILAGE, 11 LEFT
COSTAL CARTILAGE, 11 RIGHT
VARIOUS CARTILAGES

FETUS 634 LONG
INTERRUPTED COSTAL CARTILAGE, 11 LEFT
COSTAL CARTILAGE, 11 RIGHT

FETUS 636 INTERRUPTED
WITH SMALL HOLE COSTAL CARTILAGE, 11 LEFT
COSTAL CARTILAGE, 11 RIGHT
CARTILAGINOUS SUPRA-OCCIPITAL RIGHT
XIPHOID CARTILAGE

FETUS 638 BRANCHED
LONG XIPHOID CARTILAGE
COSTAL CARTILAGE, 11 LEFT
COSTAL CARTILAGE, 11 RIGHT

DAM 37

FETUS 641 INTERRUPTED COSTAL CARTILAGE, 11 LEFT

FETUS 643 INTERRUPTED COSTAL CARTILAGE, 11 RIGHT

FETUS 645 BRANCHED
INTERRUPTED XIPHOID CARTILAGE
COSTAL CARTILAGE, 11 LEFT
COSTAL CARTILAGE, 11 RIGHT

FETUS 647 WITH SMALL HOLE XIPHOID CARTILAGE

CARTILAGE EXAMINATIONS

**ADDITIONAL VARIATIONS
GROUP 2 (100 MG/KG)**

DAM 37 CONT.

FETUS 649	WITH SMALL HOLE	CARTILAGINOUS SUPRA-OCCIPITAL RIGHT
FETUS 651	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
	WITH SMALL HOLE	XIPHOID CARTILAGE
	ABNORMAL FINDING(S)	VARIOUS CARTILAGES

DAM 38

FETUS 813	NO ABNORMAL FINDING	
FETUS 815	BRANCHED.	XIPHOID CARTILAGE
FETUS 817	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
	WITH SMALL HOLE	COSTAL CARTILAGE, 11 RIGHT
		XIPHOID CARTILAGE
FETUS 819	LONG.	COSTAL CARTILAGE, 11 RIGHT
	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
FETUS 821	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
	WITH SMALL HOLE	COSTAL CARTILAGE, 11 RIGHT
		XIPHOID CARTILAGE
FETUS 823	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 825	LONG.	COSTAL CARTILAGE, 11 LEFT
	INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT
	WITH SMALL HOLE	XIPHOID CARTILAGE

DAM 39

FETUS 827	NO ABNORMAL FINDING	
FETUS 829	WITH SMALL HOLE	CARTILAGINOUS SUPRA-OCCIPITAL LEFT
FETUS 831	NO ABNORMAL FINDING	
FETUS 833	INTERRUPTED	COSTAL CARTILAGE, 10 LEFT
	ABNORMAL FINDING(S)	VARIOUS CARTILAGES
FETUS 835	NO ABNORMAL FINDING	
FETUS 837	NO ABNORMAL FINDING	
FETUS 839	NO ABNORMAL FINDING	

DAM 40

FETUS 841	NO ABNORMAL FINDING	
FETUS 843	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 845	NO ABNORMAL FINDING	
FETUS 847	NO ABNORMAL FINDING	
FETUS 849	NO ABNORMAL FINDING	
FETUS 851	NO ABNORMAL FINDING	
FETUS 853	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT

CARTILAGE EXAMINATIONS

**ADDITIONAL VARIATIONS
GROUP 2 (100 MG/KG)**

DAM 41

FETUS 855	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 857	WITH SMALL HOLE ABNORMAL FINDING(S)	XIPHOID CARTILAGE VARIOUS CARTILAGES
FETUS 859	BRANCHED.	XIPHOID CARTILAGE
FETUS 861	NO ABNORMAL FINDING	
FETUS 863	WITH SMALL HOLE	CARTILAGINOUS SUPRA-OCCIPITAL RIGHT
FETUS 865	WITH SMALL HOLE	XIPHOID CARTILAGE

DAM 42

FETUS 868	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
FETUS 870	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
FETUS 872	NO ABNORMAL FINDING	
FETUS 874	NO ABNORMAL FINDING	
FETUS 876	NO ABNORMAL FINDING	
FETUS 878	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT

DAM 43

FETUS 881	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
	WITH SMALL HOLE	COSTAL CARTILAGE, 11 RIGHT CARTILAGINOUS SUPRA-OCCIPITAL LEFT
FETUS 883	NO ABNORMAL FINDING	
FETUS 885	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT
FETUS 887	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT CARTILAGINOUS SUPRA-OCCIPITAL RIGHT
FETUS 889	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT

DAM 44

FETUS 1037	NO ABNORMAL FINDING
FETUS 1039	NO ABNORMAL FINDING
FETUS 1041	NO ABNORMAL FINDING
FETUS 1043	WITH SMALL HOLE
FETUS 1045	BRANCHED.

CARTILAGE EXAMINATIONS

ADDITIONAL VARIATIONS

GROUP 3 (300 MG/KG)

DAM 45

FETUS 52	BRANCHED.	XIPHOID CARTILAGE
FETUS 54	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
FETUS 56	NO ABNORMAL FINDING	
FETUS 58	BRANCHED.	XIPHOID CARTILAGE
FETUS 60	BRANCHED.	XIPHOID CARTILAGE
FETUS 62	NO ABNORMAL FINDING	

DAM 46

FETUS 181	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
	WITH SMALL HOLE	CARTILAGINOUS SUPRA-OCCIPITAL LEFT
FETUS 183	NO ABNORMAL FINDING	
FETUS 185	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 187	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 189	WITH SMALL HOLE	CARTILAGINOUS SUPRA-OCCIPITAL LEFT
		CARTILAGINOUS SUPRA-OCCIPITAL RIGHT
		XIPHOID CARTILAGE

DAM 47

FETUS 192	LONG.	COSTAL CARTILAGE, 11 LEFT
		COSTAL CARTILAGE, 11 RIGHT
FETUS 194	LONG.	COSTAL CARTILAGE, 11 RIGHT
	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
FETUS 196	NO ABNORMAL FINDING	
FETUS 198	LONG.	COSTAL CARTILAGE, 11 RIGHT
	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
FETUS 200	INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT
FETUS 202	NO ABNORMAL FINDING	

DAM 48

FETUS 204	BRANCHED.	XIPHOID CARTILAGE
	LONG.	COSTAL CARTILAGE, 11 LEFT
	INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT
FETUS 206	NO ABNORMAL FINDING	
FETUS 208	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
	WITH SMALL HOLE	COSTAL CARTILAGE, 11 RIGHT
		XIPHOID CARTILAGE
FETUS 210	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
	WITH SMALL HOLE	COSTAL CARTILAGE, 11 RIGHT
		XIPHOID CARTILAGE
FETUS 212	LONG.	COSTAL CARTILAGE, 11 LEFT
	WITH SMALL HOLE	COSTAL CARTILAGE, 11 RIGHT
		XIPHOID CARTILAGE

CARTILAGE EXAMINATIONS

**ADDITIONAL VARIATIONS
GROUP 3 (300 MG/KG)**

DAM 49

FETUS 398	NO ABNORMAL FINDING	
FETUS 400	BRANCHED INTERRUPTED	XIPHOID CARTILAGE COSTAL CARTILAGE, 11 LEFT

DAM 50

FETUS 402	NO ABNORMAL FINDING	
FETUS 404	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT XIPHOID CARTILAGE
FETUS 406	LONG SUPERNUMERARY, ONE ABNORMAL FINDING(S)	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT COSTAL CARTILAGE(S), LEFT COSTAL CARTILAGE(S), RIGHT VARIOUS CARTILAGES
FETUS 408	BRANCHED	XIPHOID CARTILAGE
FETUS 410	BRANCHED	XIPHOID CARTILAGE
FETUS 412	LONG INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT COSTAL CARTILAGE, 11 LEFT

DAM 51

FETUS 415	BRANCHED DISTAL EXTREMITY LONG WITH SMALL HOLE	COSTAL CARTILAGE, 8 LEFT COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT XIPHOID CARTILAGE
FETUS 417	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT
FETUS 419	NO ABNORMAL FINDING	
FETUS 421	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT
FETUS 423	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
FETUS 425	LONG INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT COSTAL CARTILAGE, 11 LEFT
FETUS 427	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT CARTILAGINOUS SUPRA-OCCIPITAL LEFT CARTILAGINOUS SUPRA-OCCIPITAL RIGHT

DAM 52

FETUS 430	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 432	LONG INTERRUPTED WITH SMALL HOLE SUPERNUMERARY, ONE	COSTAL CARTILAGE, 11 RIGHT COSTAL CARTILAGE, 11 LEFT XIPHOID CARTILAGE COSTAL CARTILAGE(S), LEFT
FETUS 434	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT
FETUS 436	LONG INTERRUPTED	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT

CARTILAGE EXAMINATIONS

**ADDITIONAL VARIATIONS
GROUP 3 (300 MG/KG)**

DAM 52 CONT.

FETUS 436	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 438	LONG.	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT
FETUS 440	WITH SMALL HOLE	XIPHOID CARTILAGE

DAM 53

FETUS 442	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT
FETUS 444	BRANCHED DISTAL EXTREMITY INTERRUPTED	COSTAL CARTILAGE, 8 RIGHT COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT
FETUS 446	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 448	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 450	BRANCHED. INTERRUPTED	XIPHOID CARTILAGE COSTAL CARTILAGE, 11 RIGHT
FETUS 452	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 11 LEFT XIPHOID CARTILAGE
FETUS 454	BRANCHED. BRANCHED DISTAL EXTREMITY WITH SMALL HOLE	XIPHOID CARTILAGE COSTAL CARTILAGE, 8 RIGHT CARTILAGINOUS SUPRA-OCCIPITAL LEFT

DAM 54

FETUS 456	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 11 LEFT XIPHOID CARTILAGE
FETUS 458	LONG. INTERRUPTED	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT
FETUS 460	LONG.	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT
FETUS 462	NO ABNORMAL FINDING	
FETUS 464	NO ABNORMAL FINDING	
FETUS 466	INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT

DAM 55

FETUS 653	LONG. WITH SMALL HOLE	COSTAL CARTILAGE, 11 LEFT XIPHOID CARTILAGE
FETUS 655	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 657	BRANCHED. LONG.	XIPHOID CARTILAGE COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT
FETUS 659	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT

DAM 56

FETUS 662 NO ABNORMAL FINDING

CARTILAGE EXAMINATIONS

**ADDITIONAL VARIATIONS
GROUP 3 (300 MG/KG)**

DAM 56 CONT.

FETUS 664	BRANCHED. INTERRUPTED	XIPHOID CARTILAGE COSTAL CARTILAGE, 11 LEFT
FETUS 666	NO ABNORMAL FINDING	
FETUS 668	LONG. INTERRUPTED SUPERNUMERARY, ONE.	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT COSTAL CARTILAGE(S), LEFT COSTAL CARTILAGE(S), RIGHT
FETUS 670	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT
FETUS 672	BRANCHED. WITH SMALL HOLE	XIPHOID CARTILAGE CARTILAGINOUS SUPRA-OCCIPITAL RIGHT
FETUS 674	INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT

DAM 57

FETUS 676	BRANCHED. BRANCHED DISTAL EXTREMITY INTERRUPTED	XIPHOID CARTILAGE COSTAL CARTILAGE, 8 RIGHT COSTAL CARTILAGE, 11 LEFT
FETUS 678	LONG. INTERRUPTED	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT
FETUS 680	BRANCHED.	XIPHOID CARTILAGE
FETUS 682	BRANCHED.	XIPHOID CARTILAGE
FETUS 684	LONG. INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 11 RIGHT COSTAL CARTILAGE, 11 LEFT XIPHOID CARTILAGE
FETUS 686	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT XIPHOID CARTILAGE

DAM 58

FETUS 688	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 690	NO ABNORMAL FINDING	
FETUS 692	NO ABNORMAL FINDING	
FETUS 694	INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT
FETUS 696	CRANIAL SHIFT TO CERVICAL VERTEBRA 5. . . ABNORMAL FINDING(S)	VENTRAL PLATE, RIGHT VARIOUS CARTILAGES

DAM 59

FETUS 892	NO ABNORMAL FINDING	
FETUS 894	BRANCHED DISTAL EXTREMITY WITH SMALL HOLE ABNORMAL FINDING(S)	COSTAL CARTILAGE, 8 RIGHT XIPHOID CARTILAGE VARIOUS CARTILAGES
FETUS 896	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 11 LEFT XIPHOID CARTILAGE
FETUS 898	NO ABNORMAL FINDING	

CARTILAGE EXAMINATIONS

ADDITIONAL VARIATIONS

GROUP 3 (300 MG/KG)

DAM 59 CONT.

FETUS 900 INTERRUPTED COSTAL CARTILAGE, 11 LEFT

FETUS 902 INTERRUPTED COSTAL CARTILAGE, 11 LEFT

DAM 60

FETUS 904 INTERRUPTED COSTAL CARTILAGE, 11 LEFT

FETUS 906 NO ABNORMAL FINDING

FETUS 908 INTERRUPTED COSTAL CARTILAGE, 11 LEFT
 SUPERNUMERARY, ONE. COSTAL CARTILAGE, 11 RIGHT
 COSTAL CARTILAGE(S), LEFT

FETUS 910 INTERRUPTED COSTAL CARTILAGE, 11 RIGHT

FETUS 912 WITH SMALL HOLE XIPHOID CARTILAGE

FETUS 914 INTERRUPTED COSTAL CARTILAGE, 11 LEFT
 WITH SMALL HOLE XIPHOID CARTILAGE

FETUS 916 WITH SMALL HOLE XIPHOID CARTILAGE

FETUS 918 BRANCHED DISTAL EXTREMITY COSTAL CARTILAGE, 8 RIGHT
 INTERRUPTED COSTAL CARTILAGE, 11 LEFT
 WITH SMALL HOLE XIPHOID CARTILAGE

DAM 61

FETUS 920 WITH SMALL HOLE XIPHOID CARTILAGE

FETUS 922 INTERRUPTED COSTAL CARTILAGE, 11 LEFT
 COSTAL CARTILAGE, 11 RIGHT

FETUS 924 LONG. COSTAL CARTILAGE, 11 LEFT
 INTERRUPTED COSTAL CARTILAGE, 11 RIGHT

FETUS 926 INTERRUPTED COSTAL CARTILAGE, 11 LEFT

FETUS 928 INTERRUPTED COSTAL CARTILAGE, 11 LEFT
 COSTAL CARTILAGE, 11 RIGHT
 WITH SMALL HOLE XIPHOID CARTILAGE

FETUS 930 BRANCHED. XIPHOID CARTILAGE
 BRANCHED DISTAL EXTREMITY COSTAL CARTILAGE, 8 RIGHT
 LONG. COSTAL CARTILAGE, 11 RIGHT

DAM 62

FETUS 932 INTERRUPTED COSTAL CARTILAGE, 11 RIGHT
 WITH SMALL HOLE XIPHOID CARTILAGE

FETUS 934 SUPERNUMERARY, ONE. COSTAL CARTILAGE(S), LEFT
 COSTAL CARTILAGE(S), RIGHT

FETUS 936 INTERRUPTED COSTAL CARTILAGE, 11 LEFT
 COSTAL CARTILAGE, 11 RIGHT

FETUS 938 BRANCHED. XIPHOID CARTILAGE
 INTERRUPTED COSTAL CARTILAGE, 11 LEFT

FETUS 940 NO ABNORMAL FINDING

FETUS 942 INTERRUPTED COSTAL CARTILAGE, 10 LEFT
 WITH SMALL HOLE CARTILAGINOUS SUPRA-OCCIPITAL RIGHT

CARTILAGE EXAMINATIONS

**ADDITIONAL VARIATIONS
GROUP 3 (300 MG/KG)**

DAM 63

FETUS 945	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 11 LEFT XIPHOID CARTILAGE
FETUS 947	BRANCHED.	XIPHOID CARTILAGE
FETUS 949	NO ABNORMAL FINDING	
FETUS 951	BRANCHED.	XIPHOID CARTILAGE
FETUS 953	NO ABNORMAL FINDING	
FETUS 955	WITH SMALL HOLE	XIPHOID CARTILAGE

DAM 64

FETUS 958	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 11 RIGHT XIPHOID CARTILAGE
FETUS 960	BRANCHED.	XIPHOID CARTILAGE
FETUS 962	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 964	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 966	BRANCHED.	XIPHOID CARTILAGE
FETUS 968	BRANCHED.	XIPHOID CARTILAGE
FETUS 970	BRANCHED. INTERRUPTED	XIPHOID CARTILAGE COSTAL CARTILAGE, 11 LEFT
FETUS 972	BRANCHED. INTERRUPTED WITH SMALL HOLE	XIPHOID CARTILAGE COSTAL CARTILAGE, 11 RIGHT CARTILAGINOUS SUPRA-OCCIPITAL RIGHT

DAM 65

FETUS 975	BRANCHED.	XIPHOID CARTILAGE
FETUS 977	NO ABNORMAL FINDING	
FETUS 979	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 981	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
FETUS 983	NO ABNORMAL FINDING	

DAM 66

FETUS 1047	BRANCHED. INTERRUPTED	XIPHOID CARTILAGE COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT
FETUS 1049	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 1051	BRANCHED. INTERRUPTED	XIPHOID CARTILAGE COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT
FETUS 1053	BRANCHED. BRANCHED DISTAL EXTREMITY INTERRUPTED	XIPHOID CARTILAGE COSTAL CARTILAGE, 8 RIGHT COSTAL CARTILAGE, 11 LEFT
FETUS 1055	BRANCHED.	XIPHOID CARTILAGE

CARTILAGE EXAMINATIONS

ADDITIONAL VARIATIONS

GROUP 4 (1000 MG/KG)

DAM 67

FETUS 64	LONG.	COSTAL CARTILAGE, 11 RIGHT
	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
FETUS 66	LONG.	COSTAL CARTILAGE, 11 LEFT
	INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT
FETUS 68	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
		COSTAL CARTILAGE, 11 RIGHT
FETUS 70	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
FETUS 72	LONG.	VENTRAL PLATE, LEFT
	INTERRUPTED	VENTRAL PLATE, RIGHT
		COSTAL CARTILAGE, 11 LEFT
		COSTAL CARTILAGE, 11 RIGHT
	WITH SMALL HOLE	XIPHOID CARTILAGE

DAM 68

FETUS 215	INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT
	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 217	NO ABNORMAL FINDING	
FETUS 219	BRANCHED.	XIPHOID CARTILAGE
	LONG.	COSTAL CARTILAGE, 11 LEFT
		COSTAL CARTILAGE, 11 RIGHT
FETUS 221	LONG.	COSTAL CARTILAGE, 11 RIGHT
	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 223	BRANCHED.	XIPHOID CARTILAGE
	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
		COSTAL CARTILAGE, 11 RIGHT

DAM 69

FETUS 226	BRANCHED DISTAL EXTREMITY	COSTAL CARTILAGE, 8 RIGHT
	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
	WITH SMALL HOLE	COSTAL CARTILAGE, 11 RIGHT
		XIPHOID CARTILAGE
FETUS 228	BRANCHED.	XIPHOID CARTILAGE
FETUS 230	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 232	INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT
	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 234	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 236	LONG.	COSTAL CARTILAGE, 11 RIGHT
	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT

DAM 70

FETUS 239	INTERRUPTED	COSTAL CARTILAGE, 10 RIGHT
FETUS 241	BRANCHED.	XIPHOID CARTILAGE
	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
FETUS 243	WITH SMALL HOLE	XIPHOID CARTILAGE

CARTILAGE EXAMINATIONS

ADDITIONAL VARIATIONS

GROUP 4 (1000 MG/KG)

DAM 70 CONT.

FETUS 245	BRANCHED.	XIPHOID CARTILAGE
	INTERRUPTED	COSTAL CARTILAGE, 10 RIGHT
FETUS 247	BRANCHED.	XIPHOID CARTILAGE
FETUS 249	NO ABNORMAL FINDING	

DAM 71

FETUS 468	NO ABNORMAL FINDING	
FETUS 470	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 472	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
FETUS 474	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 476	NO ABNORMAL FINDING	
FETUS 478	NO ABNORMAL FINDING	
FETUS 480	INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT
	NOT REACHING STERNUM.	COSTAL CARTILAGE, 7 RIGHT
	ABNORMAL FINDING(S)	VARIOUS CARTILAGES

DAM 72

FETUS 482	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
FETUS 484	INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT
	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 486	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
FETUS 488	BRANCHED.	XIPHOID CARTILAGE
	INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT
FETUS 490	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 492	LONG.	COSTAL CARTILAGE, 11 LEFT
	WITH SMALL HOLE	XIPHOID CARTILAGE

DAM 73

FETUS 494	CRANIAL SHIFT TO CERVICAL VERTEBRA 5..	VENTRAL PLATE, RIGHT
FETUS 496	BRANCHED.	XIPHOID CARTILAGE
	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
	SUPERNUMERARY, ONE.	COSTAL CARTILAGE, 11 RIGHT
		COSTAL CARTILAGE(S), LEFT
		COSTAL CARTILAGE(S), RIGHT
FETUS 498	NO ABNORMAL FINDING	
FETUS 500	BRANCHED.	XIPHOID CARTILAGE
	INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT
FETUS 502	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
	WITH SMALL HOLE	COSTAL CARTILAGE, 11 RIGHT
		CARTILAGINOUS SUPRA-OCCIPITAL RIGHT
		XIPHOID CARTILAGE
FETUS 504	WITH SMALL HOLE	XIPHOID CARTILAGE

CARTILAGE EXAMINATIONS

ADDITIONAL VARIATIONS

GROUP 4 (1000 MG/KG)

DAM 74

FETUS 506	NO ABNORMAL FINDING	
FETUS 508	BRANCHED LONG INTERRUPTED	XIPHOID CARTILAGE COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT
FETUS 510	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 11 RIGHT XIPHOID CARTILAGE
FETUS 512	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 514	NO ABNORMAL FINDING	
FETUS 516	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT

DAM 75

FETUS 518	NO ABNORMAL FINDING	
FETUS 520	NO ABNORMAL FINDING	
FETUS 522	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 524	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 526	NO ABNORMAL FINDING	

DAM 76

FETUS 529	LONG INTERRUPTED	VENTRAL PLATE, LEFT COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT
FETUS 531	LONG INTERRUPTED ABNORMAL FINDING(S)	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT VARIOUS CARTILAGES
FETUS 533	INTERRUPTED SUPERNUMERARY, ONE	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT COSTAL CARTILAGE(S), LEFT
FETUS 535	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
FETUS 537	NO ABNORMAL FINDING	
FETUS 539	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT XIPHOID CARTILAGE

DAM 77

FETUS 699	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 701	BRANCHED	XIPHOID CARTILAGE
FETUS 703	BRANCHED	XIPHOID CARTILAGE
FETUS 705	NO ABNORMAL FINDING	
FETUS 707	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 11 LEFT XIPHOID CARTILAGE
FETUS 709	BRANCHED	XIPHOID CARTILAGE
FETUS 711	NO ABNORMAL FINDING	

CARTILAGE EXAMINATIONS

ADDITIONAL VARIATIONS

GROUP 4 (1000 MG/KG)

DAM 78

FETUS 713	NO ABNORMAL FINDING	
FETUS 715	BRANCHED.	XIPHOID CARTILAGE
FETUS 717	NO ABNORMAL FINDING	
FETUS 719	BRANCHED.	XIPHOID CARTILAGE
FETUS 721	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT

DAM 79

FETUS 723	NO ABNORMAL FINDING	
FETUS 725	BRANCHED.	XIPHOID CARTILAGE
	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
FETUS 727	WITH SMALL HOLE	CARTILAGINOUS SUPRA-OCCIPITAL RIGHT
FETUS 729	BRANCHED.	XIPHOID CARTILAGE
	INTERRUPTED	VENTRAL PLATE, RIGHT
FETUS 731	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 733	BRANCHED.	XIPHOID CARTILAGE

DAM 80

FETUS 738	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 740	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
		COSTAL CARTILAGE, 11 RIGHT
FETUS 742	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
		COSTAL CARTILAGE, 11 RIGHT
FETUS 744	NO ABNORMAL FINDING	
FETUS 746	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT

DAM 82

FETUS 749	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
		COSTAL CARTILAGE, 11 RIGHT
FETUS 751	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 753	BRANCHED.	XIPHOID CARTILAGE
	BRANCHED DISTAL EXTREMITY	COSTAL CARTILAGE, 8 RIGHT
FETUS 755	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
		COSTAL CARTILAGE, 11 RIGHT
FETUS 757	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 759	LONG.	COSTAL CARTILAGE, 11 LEFT

DAM 83

FETUS 761	INTERRUPTED	COSTAL CARTILAGE, 10 LEFT
	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 763	WITH SMALL HOLE	XIPHOID CARTILAGE

CARTILAGE EXAMINATIONS

ADDITIONAL VARIATIONS

GROUP 4 (1000 MG/KG)

DAM 83 CONT.

FETUS 765	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
	WITH SMALL HOLE	COSTAL CARTILAGE, 11 RIGHT
		XIPHOID CARTILAGE
FETUS 767	LONG.	COSTAL CARTILAGE, 11 LEFT
	WITH SMALL HOLE	XIPHOID CARTILAGE
	ABNORMAL FINDING(S)	VARIOUS CARTILAGES
FETUS 769	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
	WITH SMALL HOLE	CARTILAGINOUS SUPRA-OCCIPITAL LEFT
		XIPHOID CARTILAGE

DAM 84

FETUS 986	BRANCHED.	XIPHOID CARTILAGE
	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
FETUS 988	LONG.	COSTAL CARTILAGE, 11 LEFT
		COSTAL CARTILAGE, 11 RIGHT
FETUS 990	NO ABNORMAL FINDING	
FETUS 992	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
	WITH SMALL HOLE	COSTAL CARTILAGE, 11 RIGHT
		XIPHOID CARTILAGE
FETUS 994	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
	WITH SMALL HOLE	COSTAL CARTILAGE, 11 RIGHT
		XIPHOID CARTILAGE
FETUS 996	BRANCHED.	XIPHOID CARTILAGE
	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
FETUS 998	BRANCHED.	XIPHOID CARTILAGE
	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
		COSTAL CARTILAGE, 11 RIGHT

DAM 85

FETUS 1001	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
		COSTAL CARTILAGE, 11 RIGHT
FETUS 1003	INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT
	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 1005	BRANCHED.	XIPHOID CARTILAGE
	CRANIAL SHIFT TO CERVICAL VERTEBRA 5. . .	VENTRAL PLATE, LEFT
FETUS 1007	NO ABNORMAL FINDING	
FETUS 1009	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 1011	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
	WITH SMALL HOLE	XIPHOID CARTILAGE

DAM 86

FETUS 1013	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
	WITH SMALL HOLE	COSTAL CARTILAGE, 11 RIGHT
		CARTILAGINOUS SUPRA-OCCIPITAL RIGHT
		XIPHOID CARTILAGE
FETUS 1015	BRANCHED DISTAL EXTREMITY	COSTAL CARTILAGE, 8 RIGHT
	WITH SMALL HOLE	CARTILAGINOUS SUPRA-OCCIPITAL RIGHT

CARTILAGE EXAMINATIONS

**ADDITIONAL VARIATIONS
GROUP 4 (1000 MG/KG)**

DAM 86 CONT.

FETUS 1017	BRANCHED DISTAL EXTREMITY INTERRUPTED	COSTAL CARTILAGE, 8 RIGHT COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT
FETUS 1019	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 11 LEFT XIPHOID CARTILAGE
FETUS 1021	WITH SMALL HOLE	CARTILAGINOUS SUPRA-OCCIPITAL RIGHT
FETUS 1023	INTERRUPTED WITH SMALL HOLE	COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT CARTILAGINOUS SUPRA-OCCIPITAL RIGHT

DAM 87

FETUS 1070	BRANCHED. INTERRUPTED	XIPHOID CARTILAGE COSTAL CARTILAGE, 11 LEFT COSTAL CARTILAGE, 11 RIGHT
FETUS 1072	NO ABNORMAL FINDING	
FETUS 1074	INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT
FETUS 1076	NO ABNORMAL FINDING	
FETUS 1078	NO ABNORMAL FINDING	
FETUS 1080	INTERRUPTED	COSTAL CARTILAGE, 11 RIGHT
FETUS 1082	NO ABNORMAL FINDING	

DAM 88

FETUS 1057	INTERRUPTED WITH SMALL HOLE NOT REACHING STERNUM. ABNORMAL FINDING(S)	COSTAL CARTILAGE, 10 LEFT XIPHOID CARTILAGE COSTAL CARTILAGE, 7 RIGHT VARIOUS CARTILAGES
FETUS 1059	NO ABNORMAL FINDING	
FETUS 1061	NO ABNORMAL FINDING	
FETUS 1063	INTERRUPTED	COSTAL CARTILAGE, 11 LEFT
FETUS 1065	WITH SMALL HOLE	XIPHOID CARTILAGE
FETUS 1067	ABNORMAL FINDING(S)	VARIOUS CARTILAGES

APPENDIX I:
CHEMICAL ANALYSIS OF FEED

LUFA-ITL GmbH

Dr.-Hell-Str. 6, 24107 Kiel, Germany
Tel.: +49(0431)1228-0, Fax: +49(0431)1228-498
eMail: zentrale@lufa-itl.de



LUFA - ITL Dr.-Hell-Str. 6, 24107 Kiel

PROVIMI KLIBA AG
RINAUSTRASSE
4303 KAISERAUGST / SCHWEIZ
SCHWEIZ

Date 26.09.2008
Customer no. 1209835
Page 1 of 2

TEST REPORT

Sample No. 529211

Order No. 543616 GLP Schadstoffuntersuchung
Sample Arrival 11.09.2008
Sample code M/R Haltung GLP
Alleinfuttermittel für Mäuse und Ratten
Rezeptur 3433
Fabr.-Code: 0809007 - Fabr.: 09.09.08
GLP-Batch: 61/08

Sample packing plastic bag

Trace-Elements/Heavy-Metals	Unit	limits acc. GV-SOLAS		Result A-08-2001	Substance	Method
		OM	VDLUFA VII 2.2.2.6			
Copper	mg/kg	13,1			OM	acc. to VDLUFA VII 2.2.2.6; HR-ICPMS
Selenium	mg/kg	0,33			OM	acc. to VDLUFA VII 2.2.2.6; HR-ICPMS
Cadmium	mg/kg	0,06	0,4		OM	acc. to VDLUFA VII 2.2.2.6; HR-ICPMS
Lead	mg/kg	<0,10	1,5		OM	acc. to VDLUFA VII 2.2.2.6; HR-ICPMS
Mercury	mg/kg	<0,02	0,1		OM	§64 LFGB L00.00-19
Arsenic	mg/kg	0,26	1		OM	acc. to VDLUFA VII 2.2.2.6; HR-ICPMS

Mycotoxins

Aflatoxine B1	µg/kg	<1,00	10	OM	HPLC-VDLUFA Bd. III, 16.1.4
Aflatoxine B2	µg/kg	<1,00	5	OM	HPLC-VDLUFA Bd. III, 16.1.4
Aflatoxine G1	µg/kg	<1,00	5	OM	HPLC-VDLUFA Bd. III, 16.1.4
Aflatoxine G2	µg/kg	<1,00	5	OM	HPLC-VDLUFA Bd. III, 16.1.4
Sum Aflatoxines	µg/kg	n.d.		OM	calculated

PCB

PCB 28	mg/kg	<0,0020		OM	acc. to §64 LFGB L00.00-34
PCB 52	mg/kg	<0,0020		OM	acc. to §64 LFGB L00.00-34
PCB 101	mg/kg	<0,0020		OM	acc. to §64 LFGB L00.00-34
PCB 118	mg/kg	<0,0020		OM	acc. to §64 LFGB L00.00-34
PCB 138	mg/kg	<0,0020		OM	acc. to §64 LFGB L00.00-34
PCB 153	mg/kg	<0,0020		OM	acc. to §64 LFGB L00.00-34
PCB 180	mg/kg	<0,0020		OM	acc. to §64 LFGB L00.00-34
sum PCB	mg/kg	n.d.	0,05	OM	calculated

Organochlorous-Pesticides GC-Multiresidueanalysis

Dieldrin	mg/kg	<0,002		OM	acc. to §64 LFGB L00.00-34
HCH-gamma (gammexane)	mg/kg	<0,002	0,1	OM	acc. to §64 LFGB L00.00-34
Heptachlor	mg/kg	<0,00200		OM	acc. to §64 LFGB L00.00-34
Heptachlorepoxyde-cis	mg/kg	<0,00200		OM	acc. to §64 LFGB L00.00-34
Heptachlorepoxyde-trans	mg/kg	<0,00200		OM	acc. to §64 LFGB L00.00-34
<i>o,p</i> -DDD	mg/kg	<0,00200		OM	acc. to §64 LFGB L00.00-34



LUFA-ITL GmbH

Dr.-Hell-Str. 6, 24107 Kiel, Germany
Tel.: +49(0431)1228-0, Fax: +49(0431)1228-498
eMail: zentrale@lufa-itl.de



Date 26.09.2008
Customer no. 1209835
Page 2 of 2

Sample No. 529211

Unit	Result A-08-2001	limits acc. GV-SOLAS		Substance	Method
		<0,00200	n.d.		
<i>o,p-DDE</i>	mg/kg	<0,00200		OM	acc. to §64 LFGB L00.00-34
<i>o,p-DDT</i>	mg/kg	<0,002		OM	acc. to §64 LFGB L00.00-34
<i>p,p-DDD</i>	mg/kg	<0,00200		OM	acc. to §64 LFGB L00.00-34
<i>p,p-DDE</i>	mg/kg	<0,00200		OM	acc. to §64 LFGB L00.00-34
<i>p,p-DDT</i>	mg/kg	<0,00200		OM	acc. to §64 LFGB L00.00-34
Sum DDTs	mg/kg	n.d.	0,05	OM	calculated
Sum Heptachlor	mg/kg	n.d.	0,01	OM	calculated
Organophosphorous Pesticides GC-Multiresidueanalysis					
Malathion	mg/kg	<0,010	1	OM	acc. to §64 LFGB L00.00-34
nitrosamines					
<i>N-Nitrosodibutylamin</i>	µg/kg	<5,00		OM	GC-Inhousemethod
<i>N-Nitrosodiethylamin</i>	µg/kg	<5,00	10	OM	GC-Inhousemethod
<i>N-Nitrosodiisopropylamin</i>	µg/kg	<5,00		OM	GC-Inhousemethod
<i>N-Nitrosodimethylamin</i>	µg/kg	<5,00	10	OM	GC-Inhousemethod
<i>N-Nitrosodipropylamin</i>	µg/kg	<5,00		OM	GC-Inhousemethod
<i>N-Nitrosomethylethylenamin</i>	µg/kg	<5,00		OM	GC-Inhousemethod
<i>N-Nitrosomorphanolin</i>	µg/kg	<5,00		OM	GC-Inhousemethod
<i>N-Nitrosopiperidin</i>	µg/kg	<5,00		OM	GC-Inhousemethod
<i>N-Nitrosopyrrolidin</i>	µg/kg	<5,00		OM	GC-Inhousemethod
Sum Nitrosamines	µg/kg	n.d.		OM	calculated
Estrogenes					
<i>dienestrol</i>	µg/kg	<10,0		OM	no object
<i>diethyl stilbestrol</i>	µg/kg	<1,00		OM	no object
<i>hexestrol</i>	µg/kg	<2,00		OM	no object
Sum Estrogenes	µg/kg	n.d.		OM	calculated

Explanation: "<", n.d.: not detected, below limit of detection .

The actual limit of detection can be different to the standard value for a particular analysis due to matrix effects or insufficient sample volume.

Remark: OM=original matter, DM=dry matter

LUFA - ITL Dr. Wehage, Tel. 0431/1228-220

This electronically transmitted report was checked and released. It's in accordance with the requirements of DIN EN ISO/IEC 17025:2005 for simplified reports and valid without signature.

Copies

PROVIMI KLIBA AG

External laboratory

Parameter

Sum Nitrosamines

External laboratory

Zentrale Analytik - Organische Henkel KGaA, Henkelstrasse 67 , Gebäude Z43, 40589 Düsseldorf

Sum Estrogenes

TIERGESUNDHEITSDIENST, SENATOR-GERAUER STR 23, 85586 POING

The analytical results are valid for the delivered sample material only. The testing period is the time between the receipt of the sample and the reporting date. Validation of results is not possible for samples of unknown origin .



APPENDIX II:
DRINKING WATER ANALYSIS



BACTERIOLOGICAL ASSAY OF DRINKING WATER, FÜLLINSDORF

Official Laboratory

Liestal, March 20, 2009

Basel-Landschaft

Ref.no. 200072802

Sampling point:

35.991.N Net water Harlan Ltd., Füllinsdorf,
Bldg. 2

Sampled on:

January 26, 2009

Sample:

H₂O, Harlan Laboratories Ltd.

Time of sampling

09.50

Water temperature (°C)

9.5

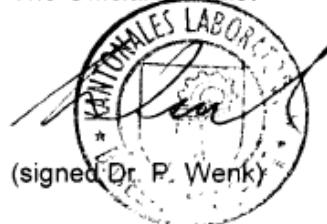
BACTERIOLOGICAL TEST:

Aerobic mesophilic bacteria / ml	0
E.coli / 100 ml	0
Enterococci / 100 ml	0
Clostridium perfringens	0

ASSESSMENT:

At the time of sampling, the tested bacteriological parameters met the requirements for drinking water according to "Artikel 3 der Verordnung über Trink-, Quell-, und Mineralwasser (SR 817.022.102)

Official Laboratory
The Official Chemist



CHEMICAL WATER ANALYSIS, FÜLLINSDORF

harlan™

Official Laboratory
Basel-Landschaft

Liestal, March 20, 2009
Ref. no. 200072802

Sampling point:

35.991.N, Net water
Harlan Ltd., Füllinsdorf, Bldg.2

Sampled on:

January 26, 2009

Time of sampling

07.30

Water temperature (°C)

9.5

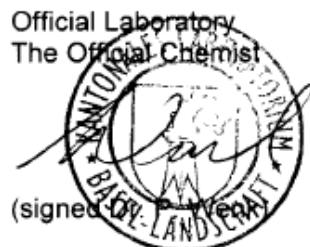
CHEMICAL TEST:

Appearance		clear, colourless
Odor		not remarkable
Taste		not remarkable
UV-absorption at 254 nm/100 cm		1.43
pH value		7.4
Oxygen demand	(KMnO ₄ cons.)	mg/l
Turbidity	FNU	0.12
Chloride	Cl ⁻	mg/l
Nitrate	NO ₃ ⁻	mg/l
Sulphate	SO ₄ ⁻⁻	mg/l
Nitrite	NO ₂ ⁻	mg/l
Total hardness		fr.H°
Alkaline hardness		fr.H°
Non carbonate hardness		fr.H°
Calcium	Ca ⁺⁺	mg/l
Magnesium	Mg ⁺⁺	mg/l

ASSESSMENT:

At the time of sampling, the tested chemical parameters met the requirements for drinking water according to article "Artikel 3 der Verordnung über Trink-, Quell-, und Mineralwasser (SR 817.022.102)

Official Laboratory
The Official Chemist



(signed)

CONTAMINANT ASSAY OF DRINKING WATER, FÜLLINSDORF



Harlan Laboratories Study..:

C34957

Date of Sampling:

January 26, 2009

Sample:

H₂O, RCC Ltd, Füllinsdorf, Bldg. 2

PARAMETER	ASSAY LEVEL µg/l	LIMIT * µg/l
Lindane	< 0.05	0.1
Heptachlor	< 0.05	0.1
Malathion	< 0.05	0.1
DDT, total	< 0.05	0.1
Dieldrin	< 0.05	0.1
Cadmium	< 0.5	5
Arsenic	< 3	50
Lead	< 3	50
Mercury	< 1	1
Selenium	< 3	10
Copper	< 4	1500
PCBs (28, 52, 101, 138, 153, 180)	< 0.05	0.1
Nitrosamines, total (DMN, DEN, NPIP, NMORPH)	< 0.05	-----

< 0.05 = less than 0.05 microgram per liter

* Schweizer Lebensmittelbuch

Issued by

Dr. D. Flade

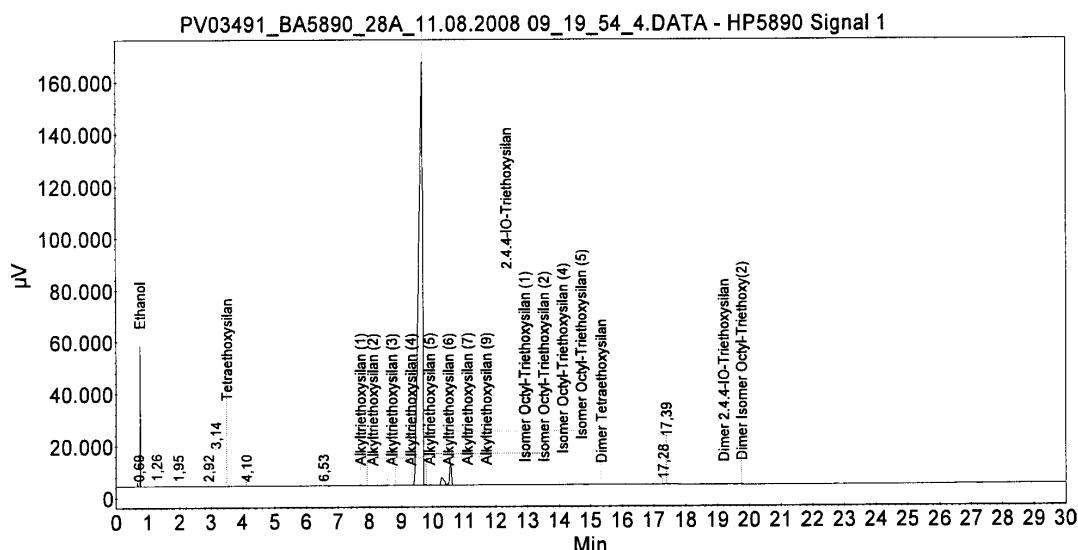
March 24, 2009

APPENDIX III:
CERTIFICATE OF ANALYSIS



Wacker Chemie AG, WL-C-A-B
Betriebsanalytik / Quality Control

Probenbezeichnung: 109807 - SILRES BS 1701, KH07241
 Datenfile: PV03491_BA5890_28A_11.08.2008 09_19_54_4
 Auftragsdaten: Auftrag Q-00050236-05AUG2008, Probe 200603, Test 552899, Prüflos 000003258399
 Analyse am: 11.08.2008 09:21:55 Bearbeiter: Spitaler Maria
 Methode: PV03491_BA5890_28A Runtime: 30,00 min
 Gerät: BA5890_28 Injektor: HP5890 Front Injector
 Säulenparameter: DB-1 Nr.54, 30m, 0,53mm, 1,5µm Detektor: WLD
 Einspritzmenge: 2 stop(s) Probentyp: Blank/Unknown
 Kalibrationstyp: Normalization Multiplikator: 1,000
 Probengewicht: N.A.
 ISTD-Gewicht: N.A.





Wacker Chemie AG, WL-C-A-B
Betriebsanalytik / Quality Control

Probenbezeichnung: 109807 - SILRES BS 1701, KH07241
Datenfile: PV03491_BA5890_28A_11.08.2008 09_19_54_4
Auftragsdaten: Auftrag Q-00050236-05AUG2008, Probe 200603, Test 552899, Prüflos 000003258399
Analyse am: 11.08.2008 09:21:55 Bearbeiter: Spitaler Maria
Methode: PV03491_BA5890_28A Runtime: 30,00 min
Gerät: BA5890_28 Injektor: HP5890 Front Injector
Säulenparameter: DB-1 Nr.54, 30m, 0,53mm, 1,5µm Detektor: WLD
Einspritzmenge: 2 stop(s) Probentyp: Blank/Unknown
Kalibrationstyp: Normalization Multiplikator: 1,000
Probengewicht: N.A.
ISTD-Gewicht: N.A.

Index	Time [Min]	RF	Area [μ V.Min]	Area % [%]	Quantity [%]	Name
19	10,57	1,000	584,9731	2,393	2,407	Isomer Octyl-Triethoxysilan (5)
20	15,33	1,000	4,7741	0,020	0,020	Dimer Tetraethoxysilan
21	17,28	1,000	5,2486	0,021	0,022	
22	17,39	1,000	14,6299	0,060	0,060	
23	19,20	1,000	8,0485	0,033	0,033	Dimer 2,4,4-iO-Triethoxysilan
27	19,77	1,000	1,1196	0,005	0,005	Dimer Isomer Octyl-Triethoxy(2)
Total			24446,3007	100,000	100,000	

	Name	Quantity [%]
	Alkyltriethoxysilan	0,33
	Isomer Octyl-Triethoxysilan	4,22
	Dimer Isomer Octyl-Triethoxy	0,00
	Wirkstoffgehalt	98,70
Total		

APPENDIX IV:
FORMULATION ANALYSIS

ANALYTICAL PART REPORT

SILRES® BS 1701

Analytical Part to:

Prenatal Developmental Toxicity Study in the Han Wistar Rat

Subtitle:

Determination of Content and Homogeneity in Application Formulations

Study Scientist: Dr. D. Flade

Test Facility: **Harlan Laboratories Ltd.**
Wölferstrasse 4
4414 Füllinsdorf / Switzerland

Sponsor: **Wacker Chemie AG**
Johannes-Hess-Strasse 24
84489 Burghausen / Germany

Study Identification: Harlan Laboratories Study **C16992**

Version: Final

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PREFACE

General Information

Test Item: SILRES® BS 1701
Analytical Part to: Prenatal Developmental Toxicity Study in the Han Wistar Rat
Sponsor: Wacker Chemie AG
Johannes-Hess-Strasse 24
84489 Burghausen / Germany
Test Facility: Harlan Laboratories Ltd.
Wölferstrasse 4
4414 Füllinsdorf/Switzerland

Responsibilities

Study Scientist
Analytical Chemistry: Dr. D. Flade
Reporting: R. Martone
Head of QA: T. Fink

Schedule of Analytical Part

Experimental Starting Date: 12-Mar-2009
Experimental Completion Date: 31-Mar-2009

1 SUMMARY

This analytical part was conducted at Harlan Laboratories Ltd., Itingen, Switzerland under GLP-compliant conditions to verify the identity of the test item SILRES® BS 1701 administered and to determine the content and homogeneity of application formulations.

Several application formulations were prepared and representative analytical samples were collected and dispatched to the analytical laboratories internally. The test item concentrations were determined by gas chromatography coupled to a flame ionization detector and quantified with the area under the peak.

The identity of SILRES® BS 1701 was confirmed by its retention time which was similar to that measured in the working standards. The test item content in all samples was found to be within the accepted range of $\pm 20\%$ of the nominal content. In addition, the homogeneous distribution of SILRES® BS 1701 in corn oil was demonstrated.

In conclusion, the results obtained within this part confirm the correct preparation of application formulations during the conduct of this study.

2 PURPOSE

Within this analytical part the accurate preparation of application formulations during the study should be verified. For this purpose representative samples were analyzed for identity of SILRES® BS 1701, content and homogeneous distribution of the test item application formulations.

3 MATERIALS AND METHODS

3.1 Test Item

Detailed information concerning the test item is provided in the main study report. It was also used as analytical standard.

3.2 Sampling and Storage

Application formulations were prepared for each dose group. Representative samples were derived by weighing approximately 2 g into glass vials. On the first treatment day samples for content and homogeneity determination were collected on each occasion from the top, middle and bottom of the mixing beakers. During the last week of the treatment samples were taken from the middle to confirm concentration. The samples were dispatched to the analytical laboratories internally and stored frozen at -20 ± 5 °C until analysis.

3.3 Reagents and Materials

Acetone: Baker no. 9254

3.4 Analytical Procedure

3.4.1 Preparation of Standard Solutions

Stock solutions of SILRES® BS 1701 in acetone were prepared for external standard calibration. For example, 21.09 mg of SILRES® BS 1701 was exactly weighed into a 50 mL volumetric flask and approximately 40 mL of dilution solvent was added. Then, the mixture was sonicated for 5 minutes and the flask was brought to volume with dilution solvent to yield a solution with a concentration of 421.8 µg/mL. Aliquots of this stock standard solution were used to prepare six working standard solutions in dilution solvent with a concentration range of 10.55 to 105.5 µg/mL. On each occasion at least twelve standard solutions derived from two stock standard solutions were used for calibration.

3.4.2 Analysis of Samples

The samples received were dissolved in acetone by sonication for 5 minutes and then diluted to volume with dilution solvent. The sample solutions were further diluted with dilution solvent into the calibration range.

3.4.3 Gas Chromatographic Conditions

GC: AGILENT 6890
Sampling Unit: AGILENT 7683
Column: VF WAX MS (Varian),
30 m x 0.25 mm x 0.25 µm
Carrier Gas: Helium, 1.5 mL/min, constant flow
Injection: 1 µL, splitless
Detector: FID

Temperatures: Injector: 300 °C
 Detector: 325 °C
 Oven: 50 °C for 1 min
 at 25 °C/min to 260 °C
 260 °C for 0 min

3.4.4 Evaluation of Results

Injected samples were quantified by comparing peak areas of SILRES® BS 1701 with reference to the calibration curve. The latter was obtained by correlation of the peak areas of the working standards with their corresponding concentrations (µg/mL), using the linear regression model following equation 1:

$$y = a + b \cdot x \quad (1)$$

where

y = Response of SILRES® BS 1701
a = Intercept derived from linear regression of calibration data
b = Slope derived from linear regression of calibration data
x = Actual concentration of SILRES® BS 1701 in sample aliquot [µg/mL]

Sample aliquot concentrations were corrected for density of the application formulation and for dilution using equation 2:

$$c_{Actual} = \frac{x \cdot V \cdot D}{W \cdot 1000} \quad (2)$$

where

c_{Actual} = Actual sample concentration [mg/mL]
x = Actual concentration of SILRES® BS 1701 in sample aliquot according to equation 1 [µg/mL]

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- V = Dilution volume [mL]
 D = Density of application formulation [0.92 g/mL; density of vehicle]
 W = Sample weight [g]

The sample recovery was determined as follows:

$$R = \frac{c_{Actual}}{c_{Nominal}} \cdot 100 \quad (3)$$

where

- R = Sample recovery [%]
 c_{Actual} = Actual sample concentration [mg/mL]
 $c_{Nominal}$ = Nominal sample concentration [mg/mL]

4 RESULTS

The linearity of the analytical systems used for sample analyses was demonstrated with a good relationship between peak areas measured and working standard concentrations. All calibration points used met the acceptance limit of $\pm 20\%$ variation from the calibration curve derived by linear regression analysis. The regression coefficients calculated were found to be better than 0.99. An example is presented in [Figure 1](#).

The SILRES® BS 1701 peak was assigned in sample chromatograms by comparison to that of working standards. In blank sample chromatograms no peak appeared at the retention time of SILRES® BS 1701 and, therefore, it was confirmed that only corn oil was administered in the control part of the experiment. Examples of chromatograms are shown in [Figure 2](#) and [Figure 3](#).

The application formulations investigated during the study were found to comprise SILRES® BS 1701 in the range of 96.7% to 102.2% and, thus, the required content limit of $\pm 20\%$ with reference to the nominal concentration was met. The homogeneous distribution of SILRES® BS 1701 in the preparations was approved because single results found did not deviate more than 1.9% (<15%) from the corresponding mean.

In conclusion, the results indicate the accurate use of the test item SILRES® BS 1701 and corn oil as vehicle during this study. Application formulations were found to be homogeneously prepared. Detailed results are shown in [Table 1](#).

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Table 1 Detailed Results of Application Formulation Analysis
(Rounded results presented are based on calculations with exact data)

Dose Group	Sample taken from/after	Date of Analysis	Nominal Concentration [mg/mL]	Actual Concentration [mg/mL]	Recovery	Mean Recovery	Maximum Variation from Mean
Date of Preparation: 09-Mar-2009							
1	vehicle	16-Mar-09	0	0.000	---	---	---
2	top	16-Mar-09	20.0	19.55	97.8%	99.5%	1.8%
	middle	16-Mar-09	20.0	20.18	100.9%		
	bottom	16-Mar-09	20.0	19.98	99.9%		
3	top	16-Mar-09	60.0	58.85	98.1%	99.5%	1.4%
	middle	16-Mar-09	60.0	60.50	100.8%		
	bottom	16-Mar-09	60.0	59.66	99.4%		
4	top	16-Mar-09	200.0	199.3	99.7%	101.6%	1.9%
	middle	16-Mar-09	200.0	204.3	102.2%		
	bottom	16-Mar-09	200.0	205.7	102.8%		
Date of Preparation: 23-Mar-2009							
1	vehicle	31-Mar-09	0	0.000	---	---	---
2	middle	31-Mar-09	20.0	19.34	96.7%	---	---
3	middle	31-Mar-09	60.0	60.00	100.0%	---	---
4	middle	31-Mar-09	200.0	204.0	102.0%	---	---

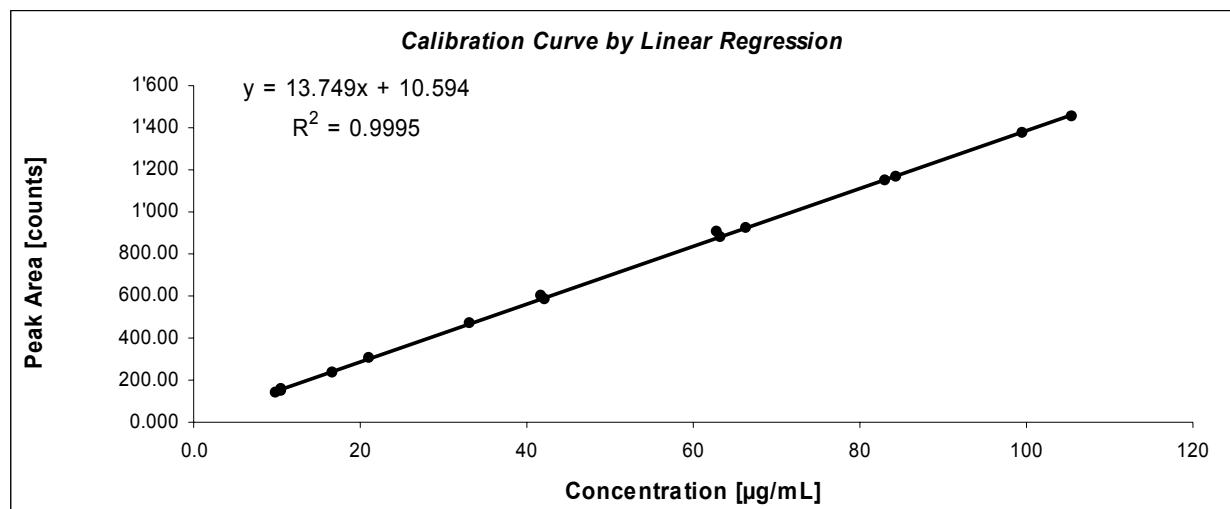
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Figure 1 Example of Calibration Curve

Date of analysis: 16-Mar-2009

Standard Concentration [µg/mL]	Peak Area [counts]	Variation of Peak Area
10.55	151.46	-2.8%
21.09	300.91	0.1%
42.18	582.69	-1.3%
63.27	879.11	-0.2%
84.36	1'168	-0.2%
105.5	1'453	-0.6%
9.957	141.43	-4.3%
16.60	234.21	-2.0%
33.19	466.62	-0.1%
66.38	921.14	-0.2%
82.98	1'151	0.0%
99.57	1'374	-0.4%
10.47	155.27	0.5%
41.86	596.65	1.8%
62.79	906.32	3.6%



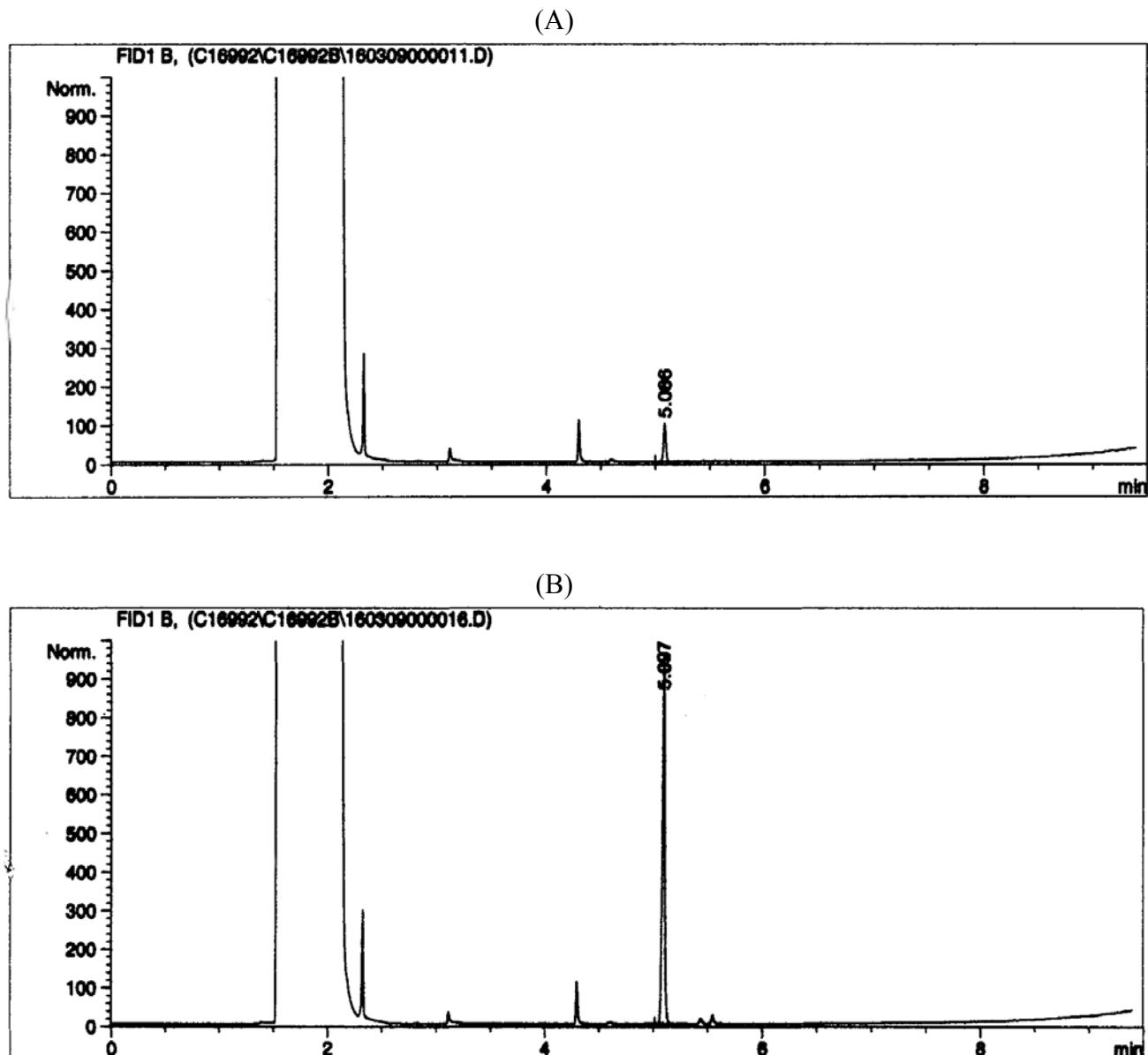
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Figure 2 Typical GC-Chromatograms of Standard Solutions

- (A) Standard solution: 10.55 µg/mL
(B) Standard solution: 105.5 µg/mL

Date of analysis: 16-Mar-2009

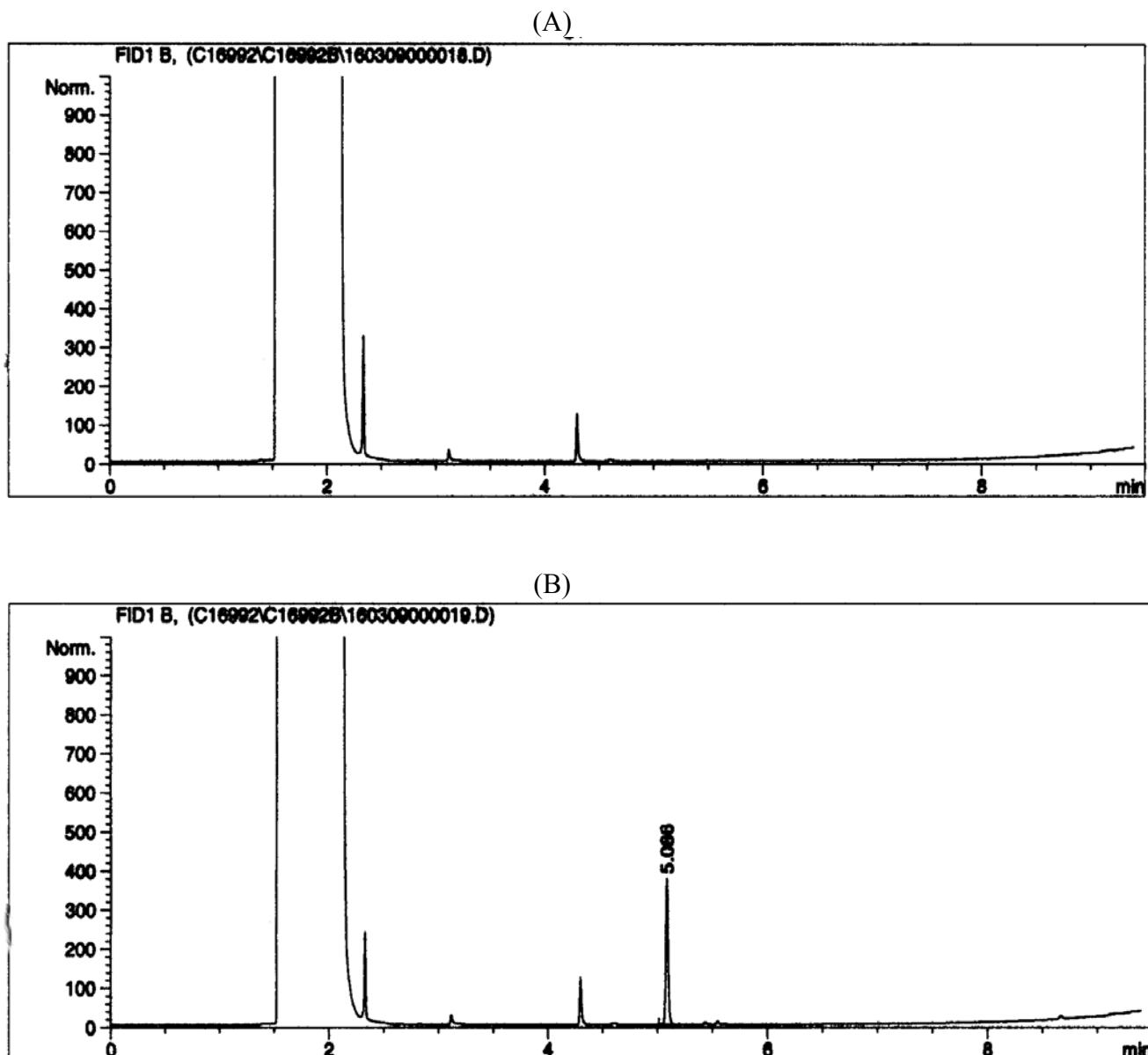


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Figure 3 Typical GC-Chromatograms of Test Samples

- (A) Dose group 1, control sample, 496x diluted
(B) Dose group 2 (top), nominal content: 20.0 mg/mL, 487x diluted
Date of analysis: 16-Mar-2009

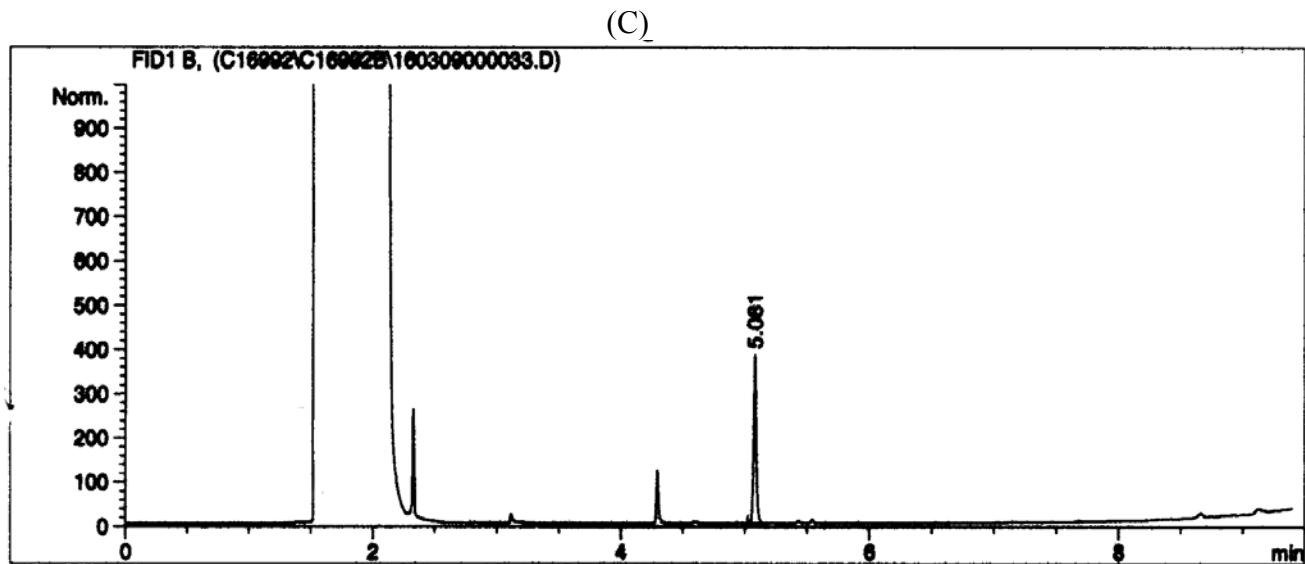


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Figure 3 Cont'd

- (C) Dose group 4 (top), nominal content: 200.0 mg/mL, 4824x diluted
Date of analysis: 16-Mar-2009



APPENDIX V:
HISTORICAL CONTROL DATA

**HISTORICAL CONTROL DATA: EMBRYOFETAL DEVELOPMENT STUDIES
RAT REPRODUCTION DATA**

1 / 3

Study reference	08/01	08/02	08/03	08/04	08/05	08/08
Dose route	gavage	gavage	gavage	gavage	gavage	gavage
Dosing period	6-20 p.c.	6-17 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.
Source of animals	RCC Ltd					
Age (weeks) / wt (g) at mating	11 / 187-237	11 / 188-242	11 / 191-236	11 / 187-221	11 / 179-215	11 / 179-222
Date first positive smear (G0)	15.01.08	15.01.08	05.02.08	25.03.08	01.04.08	29.07.08
Number of females mated	22	22	22	22	24	22
Pregnant	22	21	22	22	24	22
Used for calculation	22	21	22	22	24	22
Corpora lutea	310	303	322	297	318	279
Mean	14.1	14.4	14.6	13.5	13.3	12.7
Standard deviation	1.7	1.9	1.6	1.8	2.5	1.6
Pre-implantation loss	15	28	6	11	10	7
% of corpora lutea	4.8	9.2	1.9	3.7	3.1	2.5
Mean	0.7	1.3	0.3	0.5	0.4	0.3
Standard deviation	1.5	1.8	0.5	1.0	0.8	0.7
Number of dams affected	8	14	6	6	6	5
Implantation sites	295	275	316	286	308	272
% of corpora lutea	95.2	90.8	98.1	96.3	96.9	97.5
Mean	13.4	13.1	14.4	13.0	12.8	12.4
Standard deviation	3.0	2.4	1.7	2.3	3.0	1.9
Post-implantation loss	21	13	19	12	19	9
% of implantation sites	7.1	4.7	6.0	4.2	6.2	3.3
Mean	1.0	0.6	0.9	0.5	0.8	0.4
Standard deviation	1.0	1.5	1.3	1.0	1.1	0.5
Number of dams affected	14	7	10	8	12	9
Implantation site scars	0	0	0	0	0	0
Embryonic/fetal deaths total	21	13	19	12	19	9
% of implantation sites	-	-	-	-	-	-
Mean	-	-	-	-	-	-
Standard deviation	-	-	-	-	-	-
Number of dams affected	-	-	-	-	-	-
Embryonic resorptions	18	13	17	11	18	7
% of implantation sites	6.1	4.7	5.4	3.8	5.8	2.6
Mean	0.8	0.6	0.8	0.5	0.8	0.3
Standard deviation	1.0	1.5	1.2	1.0	1.2	0.5
Number of dams affected	12	7	9	7	11	7
Fetal resorptions	3	0	2	1	1	2
% of implantation sites	1.0	-	0.6	0.3	0.3	0.7
Mean	0.1	-	0.1	0.0	0.0	0.1
Standard deviation	0.5	-	0.3	0.2	0.2	0.3
Number of dams affected	2	-	2	1	1	2

p.c. = Day post coitum

**HISTORICAL CONTROL DATA: EMBRYOFETAL DEVELOPMENT STUDIES
RAT REPRODUCTION DATA**

2 / 3

Study reference	08/01	08/02	08/03	08/04	08/05	08/08
Dose route	gavage	gavage	gavage	gavage	gavage	gavage
Dosing period	6-20 p.c.	6-17 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.
Source of animals	RCC Ltd					
Age (weeks) / wt (g) at mating	11 / 187-237	11 / 188-242	11 / 191-236	11 / 187-221	11 / 179-215	11 / 179-222
Date first positive smear (G0)	15.01.08	15.01.08	05.02.08	25.03.08	01.04.08	29.07.08
Number of females mated	22	22	22	22	24	22
Pregnant	22	21	22	22	24	22
Used for calculation	22	21	22	22	24	22
Fetuses						
Total fetuses	274	262	297	274	289	263
% of implantation sites	92.9	95.3	94.0	95.8	93.8	96.7
Mean	12.5	12.5	13.5	12.5	12.0	12.0
Standard deviation	2.9	2.5	2.2	2.5	3.1	1.9
Live fetuses	274	262	297	274	289	263
Dead fetuses	0	0	0	0	0	0
Fetuses with external abnormality	0	0	0	0	0	0
% of fetuses	0	0	0	0	0	0
Mean	0	0	0	0	0	0
Standard deviation	0	0	0	0	0	0
Number of dams affected	0	0	0	0	0	0
Live fetuses with abnormalities at external examination	0	0	0	0	0	0
Dead fetuses with abnormalities at external examination	0	0	0	0	0	0
Sex of fetuses						
Total males	145	123	141	131	140	131
% of fetuses	52.9	46.9	47.5	47.8	48.4	49.8
Mean	6.6	5.9	6.4	6.0	5.8	6.0
Standard deviation	2.2	1.9	2.6	2.2	2.5	1.4
Total females	129	139	156	143	149	132
% of fetuses	47.1	53.1	52.5	52.2	51.6	50.2
Mean	5.9	6.6	7.1	6.5	6.2	6.0
Standard deviation	2.1	2.0	2.5	2.0	2.2	1.7

p.c. = Day post coitum

**HISTORICAL CONTROL DATA: EMBRYOFETAL DEVELOPMENT STUDIES
RAT REPRODUCTION DATA**

3 / 3

Study reference	08/01	08/02	08/03	08/04	08/05	08/08
Dose route	gavage	gavage	gavage	gavage	gavage	gavage
Dosing period	6-20 p.c.	6-17 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.
Source of animals	RCC Ltd					
Age (weeks) / wt (g) at mating	11 / 187-237	11 / 188-242	11 / 191-236	11 / 187-221	11 / 179-215	11 / 179-222
Date first positive smear (G0)	15.01.08	15.01.08	05.02.08	25.03.08	01.04.08	29.07.08
Number of females mated	22	22	22	22	24	22
Pregnant	22	21	22	22	24	22
Used for calculation	22	21	22	22	24	22
Weights of live fetuses (G)						
Litter basis						
Males and females						
Number (litters)	22	21	22	22	24	22
Mean	4.8	4.8	4.9	4.7	4.8	4.9
Standard deviation	0.4	0.3	0.3	0.2	0.3	0.2
Males						
Number (litters)	22	21	22	22	23	22
Mean	4.9	4.9	5.0	4.9	4.9	5.0
Standard deviation	0.4	0.3	0.3	0.3	0.3	0.3
Females						
Number (litters)	21	21	22	22	24	22
Mean	4.6	4.7	4.8	4.6	4.7	4.8
Standard deviation	0.3	0.3	0.3	0.3	0.3	0.2
Weights of live fetuses (G)						
Individual basis						
Males and females						
Number (fetuses)	274	262	297	274	289	263
Mean	4.8	4.8	4.9	4.7	4.8	4.9
Standard deviation	0.4	0.4	0.3	0.4	0.4	0.4
Males						
Number (fetuses)	145	123	141	131	142	131
Mean	4.9	4.9	5.0	4.8	4.9	5.0
Standard deviation	0.4	0.4	0.3	0.4	0.3	0.4
Females						
Number (fetuses)	129	139	156	143	147	132
Mean	4.7	4.7	4.8	4.6	4.7	4.8
Standard deviation	0.4	0.4	0.3	0.4	0.4	0.3

p.c. = Day post coitum

HISTORICAL CONTROL DATA: EMBRYOFETAL DEVELOPMENT STUDIES
RAT SKELETAL EXAMINATION – BONE FINDINGS
STAGE OF DEVELOPMENT AND COMMON VARIATIONS

1 / 11

Study reference	08/01	08/02	08/03	08/04	08/05	08/08				
Dose route	gavage	gavage	gavage	gavage	gavage	gavage				
Dosing period	6-20 p.c.	6-17 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.				
Source of animals	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd				
Age (weeks) / wt (g) at mating	11 / 187-237	11 / 188-242	11 / 191-236	11 / 187-221	11 / 179-215	11 / 179-222				
Date first positive smear (G0)	15.01.08	15.01.08	05.02.08	25.03.08	01.04.08	29.07.08				
No. of fetuses (litters) examined	133(21)	126(21)	144(22)	132(22)	138(23)	127(22)				
Findings:	Fetuses / (litters)									
	N	%	N	%	N	%	N	%	N	%
Cranium										
Incompletely ossified										
Occipitale	1 (1)	1 (5)	0	0	2 (2)	1 (9)	0	0	5 (3)	4 (13)
Parietale	0	0	0	0	1 (1)	1 (5)	0	0	1 (1)	1 (4)
Left									2 (2)	2 (9)
Right	0	0	0	0	1 (1)	1 (5)	0	0	1 (1)	1 (1)
Bilateral	1 (1)	1 (5)	0	0	4 (4)	3 (18)	1 (1)	1 (5)	9 (4)	7 (17)
Interparietale	9 (8)	7 (38)	7 (5)	6 (24)	5 (4)	3 (18)	6 (6)	5 (27)	21 (9)	15 (39)
Hyoideum	0	0	0	0	0	0	0	0	5 (2)	4 (9)
Frontale										
Left	0	0	0	0	0	0	0	0	1 (1)	1 (4)
Right	0	0	0	0	0	0	0	0	1 (1)	1 (1)
Nasale										
Left	0	0	0	0	0	0	0	0	1 (1)	1 (4)
Right	0	0	0	0	0	0	0	0	1 (1)	1 (4)

p.c. = Day post coitum

HISTORICAL CONTROL DATA: EMBRYOFETAL DEVELOPMENT STUDIES
RAT SKELETAL EXAMINATION – BONE FINDINGS
STAGE OF DEVELOPMENT AND COMMON VARIATIONS

2 / 11

Study reference	08/01	08/02	08/03	08/04	08/05	08/08
Dose route	gavage	gavage	gavage	gavage	gavage	gavage
Dosing period	6-20 p.c.	6-17 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.
Source of animals	RCC Ltd					
Age (weeks) / wt (g) at mating	11 / 187-237	11 / 188-242	11 / 191-236	11 / 187-221	11 / 179-215	11 / 179-222
Date first positive smear (G0)	15.01.08	15.01.08	05.02.08	25.03.08	01.04.08	29.07.08
No. of fetuses (litters) examined	133(21)	126(21)	144(22)	132(22)	138(23)	127(22)
Fetuses / (litters)						
Findings:	N	%	N	%	N	%
Cranium continued						
Incompletely ossified						
Jugal						
Left	3 (3)	2 (14)	1 (1)	1 (5)	3 (3)	2 (14)
Right	0	0	0	0	3 (3)	2 (14)
Zygomatic process of maxilla						
Left	0	0	0	0	0	0
Right	0	0	0	0	0	0
Zygomatic process of squamosal						
Left	0	0	0	0	1 (1)	1 (5)
Right	0	0	0	0	1 (1)	1 (5)
Non-ossified						
Hyoideum	0	0	0	0	0	0

p.c. = Day post coitum

HISTORICAL CONTROL DATA: EMBRYOFETAL DEVELOPMENT STUDIES
RAT SKELETAL EXAMINATION – BONE FINDINGS
STAGE OF DEVELOPMENT AND COMMON VARIATIONS

3 / 11

Study reference	08/01	08/02	08/03	08/04	08/05	08/08
Dose route	gavage	gavage	gavage	gavage	gavage	gavage
Dosing period	6-20 p.c.	6-17 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.
Source of animals	RCC Ltd					
Age (weeks) / wt (g) at mating	11 / 187-237	11 / 188-242	11 / 191-236	11 / 187-221	11 / 179-215	11 / 179-222
Date first positive smear (G0)	15.01.08	15.01.08	05.02.08	25.03.08	01.04.08	29.07.08
No. of fetuses (litters) examined	133(21)	126(21)	144(22)	132(22)	138(23)	127(22)
Fetuses / (litters)						
Findings:	N	%	N	%	N	%
Cervical vertebrae						
Incompletely ossified						
Body 1	0	0	0	0	0	0
Arch 3						
Left	0	0	0	0	0	0
Non-ossified						
Body 1	11 (9)	8 (43)	10 (6)	8 (29)	15 (9)	10 (41)
Body 2	11 (7)	8 (33)	14 (9)	11 (43)	4 (3)	3 (14)
Body 3	9 (6)	7 (29)	5 (3)	4 (14)	3 (3)	2 (14)
Body 4	4 (4)	3 (19)	5 (3)	4 (14)	0	0
Body 5	1 (1)	1 (5)	1 (1)	1 (5)	0	0
Body 6	2 (2)	2 (10)	0	0	0	0
Body 7	0	0	0	0	0	0

p.c. = Day post coitum

HISTORICAL CONTROL DATA: EMBRYOFETAL DEVELOPMENT STUDIES
RAT SKELETAL EXAMINATION – BONE FINDINGS
STAGE OF DEVELOPMENT AND COMMON VARIATIONS

4 / 11

Study reference	08/01	08/02	08/03	08/04	08/05	08/08				
Dose route	gavage	gavage	gavage	gavage	gavage	gavage				
Dosing period	6-20 p.c.	6-17 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.				
Source of animals	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd				
Age (weeks) / wt (g) at mating	11 / 187-237	11 / 188-242	11 / 191-236	11 / 187-221	11 / 179-215	11 / 179-222				
Date first positive smear (G0)	15.01.08	15.01.08	05.02.08	25.03.08	01.04.08	29.07.08				
No. of fetuses (litters) examined	133(21)	126(21)	144(22)	132(22)	138(23)	127(22)				
Findings:	Fetuses / (litters)									
	N	%	N	%	N	%	N	%	N	%
Sacral vertebrae										
Non-ossified										
Body 3	0	0	0	0	0	0	0	0	0	0
Body 4	0	0	0	0	0	0	0	0	0	0
Body 5	0	0	0	0	0	0	0	0	0	0
Body 6	0	0	0	0	0	0	0	0	0	0
Body 7	0	0	0	0	0	0	0	0	0	0
Body 8	0	0	0	0	0	0	0	0	0	0
Caudal vertebrae										
Non-ossified										
All	0	0	0	0	0	0	0	0	0	0

p.c. = Day post coitum

**HISTORICAL CONTROL DATA: EMBRYOFETAL DEVELOPMENT STUDIES
RAT SKELETAL EXAMINATION – BONE FINDINGS
STAGE OF DEVELOPMENT AND COMMON VARIATIONS**

5 / 11

Study reference	08/01	08/02	08/03	08/04	08/05	08/08
Dose route	gavage	gavage	gavage	gavage	gavage	gavage
Dosing period	6-20 p.c.	6-17 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.
Source of animals	RCC Ltd					
Age (weeks) / wt (g) at mating	11 / 187-237	11 / 188-242	11 / 191-236	11 / 187-221	11 / 179-215	11 / 179-222
Date first positive smear (G0)	15.01.08	15.01.08	05.02.08	25.03.08	01.04.08	29.07.08
No. of fetuses (litters) examined	133(21)	126(21)	144(22)	132(22)	138(23)	127(22)
Fetuses / (litters)						
Findings:	N	%	N	%	N	%
Sternum						
Incompletely ossified Sternebra 1	0	0	0	0	0	0
Sternebra 2	0	0	1 (1)	1 (5)	0	0
Sternebra 3	0	0	0	0	1 (1)	1 (5)
Sternebra 4	1 (1)	1 (5)	1 (1)	1 (5)	0	0
Sternebra 5	13 (9)	10 (43)	7 (6)	6 (29)	9 (7)	6 (32)
Sternebra 6	3 (2)	2 (10)	2 (2)	2 (10)	1 (1)	1 (5)
Non-ossified Sternebra 1	0	0	0	0	0	0
Sternebra 2	0	0	1 (1)	1 (5)	0	0

p.c. = Day post coitum

HISTORICAL CONTROL DATA: EMBRYOFETAL DEVELOPMENT STUDIES
RAT SKELETAL EXAMINATION – BONE FINDINGS
STAGE OF DEVELOPMENT AND COMMON VARIATIONS

6 / 11

Study reference	08/01	08/02	08/03	08/04	08/05	08/08				
Dose route	gavage	gavage	gavage	gavage	gavage	gavage				
Dosing period	6-20 p.c.	6-17 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.				
Source of animals	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd				
Age (weeks) / wt (g) at mating	11 / 187-237	11 / 188-242	11 / 191-236	11 / 187-221	11 / 179-215	11 / 179-222				
Date first positive smear (G0)	15.01.08	15.01.08	05.02.08	25.03.08	01.04.08	29.07.08				
No. of fetuses (litters) examined	133(21)	126(21)	144(22)	132(22)	138(23)	127(22)				
Findings:	Fetuses / (litters)									
	N	%	N	%	N	%	N	%	N	%
Sternum continued										
Non-ossified Sternebra 3	0	0	0	0	0	0	0	0	0	0
Sternebra 4	0	0	0	0	0	0	0	0	0	0
Sternebra 5	3 (2)	2 (10)	3 (2)	2 (10)	4 (2)	3 (9)	5 (3)	4 (14)	1 (1)	1 (4)
Sternebra 6	0	0	0	0	0	0	0	0	0	0
Ribs										
Left										
Supernumerary one	0	0	4 (4)	3 (19)	0	0	2 (2)	2 (9)	0	0
Supernumerary one rudimentary	27 (15)	20 (71)	32 (13)	25 (62)	31 (13)	22 (59)	31 (14)	23 (64)	41 (15)	30 (65)
Right										
Supernumerary one	1 (1)	1 (5)	3 (3)	2 (14)	0	0	0	0	2 (2)	1 (9)
Supernumerary one rudimentary	25 (12)	19 (57)	36 (14)	29 (67)	33 (16)	23 (73)	26 (12)	20 (55)	28 (13)	20 (57)

p.c. = Day post coitum

HISTORICAL CONTROL DATA: EMBRYOFETAL DEVELOPMENT STUDIES
RAT SKELETAL EXAMINATION – BONE FINDINGS
STAGE OF DEVELOPMENT AND COMMON VARIATIONS

7 / 11

Study reference	08/01	08/02	08/03	08/04	08/05	08/08
Dose route	gavage	gavage	gavage	gavage	gavage	gavage
Dosing period	6-20 p.c.	6-17 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.
Source of animals	RCC Ltd					
Age (weeks) / wt (g) at mating	11 / 187-237	11 / 188-242	11 / 191-236	11 / 187-221	11 / 179-215	11 / 179-222
Date first positive smear (G0)	15.01.08	15.01.08	05.02.08	25.03.08	01.04.08	29.07.08
No. of fetuses (litters) examined	133(21)	126(21)	144(22)	132(22)	138(23)	127(22)
Fetuses / (litters)						
Findings:	N	%	N	%	N	%
Left forelimb						
Non-ossified						
Digit 1 distal phalanx	0	0	1 (1)	1 (5)	0	0
Digit 2 proximal phalanx	4 (4)	3 (19)	23 (12)	18 (57)	17 (10)	12 (45)
Digit 2 distal phalanx	0	0	0	0	0	0
Digit 3 proximal phalanx	1 (1)	1 (5)	0	0	0	0
Digit 3 distal phalanx	0	0	0	0	0	0
Digit 4 proximal phalanx	1 (1)	1 (5)	2 (2)	2 (10)	3 (3)	2 (14)
Digit 4 distal phalanx	0	0	0	0	0	0
Metacarpalia 5	0	0	0	0	0	0

p.c. = Day post coitum

HISTORICAL CONTROL DATA: EMBRYOFETAL DEVELOPMENT STUDIES
RAT SKELETAL EXAMINATION – BONE FINDINGS
STAGE OF DEVELOPMENT AND COMMON VARIATIONS

8 / 11

Study reference	08/01	08/02	08/03	08/04	08/05	08/08				
Dose route	gavage	gavage	gavage	gavage	gavage	gavage				
Dosing period	6-20 p.c.	6-17 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.				
Source of animals	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd				
Age (weeks) / wt (g) at mating	11 / 187-237	11 / 188-242	11 / 191-236	11 / 187-221	11 / 179-215	11 / 179-222				
Date first positive smear (G0)	15.01.08	15.01.08	05.02.08	25.03.08	01.04.08	29.07.08				
No. of fetuses (litters) examined	133(21)	126(21)	144(22)	132(22)	138(23)	127(22)				
Findings:	Fetuses / (litters)									
	N	%	N	%	N	%	N	%	N	%
Left forelimb continued										
Non-ossified										
Digit 5 proximal phalanx	11 (10)	8 (48)	49 (19)	39 (90)	36 (16)	25 (73)	57 (18)	43 (82)	29 (13)	21 (57)
Digit 5 distal phalanx	0	0	8 (7)	6 (33)	0	0	0	0	0	0
Right forelimb										
Non-ossified										
Digit 1 distal phalanx	0	0	0	0	0	0	0	0	3 (1)	2 (4)
Digit 2 proximal phalanx	4 (4)	3 (19)	23 (13)	18 (62)	14 (8)	10 (36)	28 (12)	21 (55)	14 (8)	10 (35)
Digit 2 distal phalanx	0	0	0	0	0	0	0	0	0	0
Digit 3 proximal phalanx	1 (1)	1 (5)	0	0	0	0	0	0	1 (1)	1 (4)
Digit 3 distal phalanx	0	0	0	0	0	0	0	0	0	0

p.c. = Day post coitum

HISTORICAL CONTROL DATA: EMBRYOFETAL DEVELOPMENT STUDIES
RAT SKELETAL EXAMINATION – BONE FINDINGS
STAGE OF DEVELOPMENT AND COMMON VARIATIONS

9 / 11

Study reference	08/01	08/02	08/03	08/04	08/05	08/08				
Dose route	gavage	gavage	gavage	gavage	gavage	gavage				
Dosing period	6-20 p.c.	6-17 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.				
Source of animals	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd				
Age (weeks) / wt (g) at mating	11 / 187-237	11 / 188-242	11 / 191-236	11 / 187-221	11 / 179-215	11 / 179-222				
Date first positive smear (G0)	15.01.08	15.01.08	05.02.08	25.03.08	01.04.08	29.07.08				
No. of fetuses (litters) examined	133(21)	126(21)	144(22)	132(22)	138(23)	127(22)				
Findings:	Fetuses / (litters)									
	N	%	N	%	N	%	N	%	N	%
Right forelimb continued										
Non-ossified										
Digit 4 proximal phalanx	1 (1)	1 (5)	2 (2)	2 (10)	0	0	1 (1)	1 (5)	1 (1)	1 (4)
Digit 4 distal phalanx	0	0	0	0	2 (2)	1 (9)	0	0	0	0
Metacarpalia 5	0	0	0	0	0	0	0	0	1 (1)	1 (4)
Digit 5 proximal phalanx	11 (10)	8 (48)	45 (19)	36 (90)	33 (16)	23 (73)	50 (17)	38 (77)	27 (13)	20 (57)
Digit 5 distal phalanx	0	0	6 (6)	5 (29)	0	0	0	0	0	0
Left hindlimb										
Non-ossified										
Talus	100 (21)	75 (100)	99 (21)	79 (100)	94 (20)	65 (91)	113 (22)	86 (100)	104 (22)	75 (96)
Metatarsalia 1	0	0	18 (9)	14 (43)	3 (3)	2 (14)	5 (3)	4 (14)	2 (2)	1 (9)
Toe 1 proximal phalanx	0	0	0	0	0	0	0	0	0	0

p.c. = Day post coitum

HISTORICAL CONTROL DATA: EMBRYOFETAL DEVELOPMENT STUDIES
RAT SKELETAL EXAMINATION – BONE FINDINGS
STAGE OF DEVELOPMENT AND COMMON VARIATIONS

10 / 11

Study reference	08/01	08/02	08/03	08/04	08/05	08/08
Dose route	gavage	gavage	gavage	gavage	gavage	gavage
Dosing period	6-20 p.c.	6-17 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.
Source of animals	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd
Age (weeks) / wt (g) at mating	11 / 187-237	11 / 188-242	11 / 191-236	11 / 187-221	11 / 179-215	11 / 179-222
Date first positive smear (G0)	15.01.08	15.01.08	05.02.08	25.03.08	01.04.08	29.07.08
No. of fetuses (litters) examined	133(21)	126(21)	144(22)	132(22)	138(23)	127(22)
Findings:	Fetuses / (litters)					
	N	%	N	%	N	%
Left hindlimb continued						
Non-ossified						
Toe 2 proximal phalanx	3 (3)	2 (14)	60 (18)	48 (86)	28 (12)	19 (55)
Toe 2 distal phalanx	0	0	0	0	0	0
Toe 3 proximal phalanx	3 (3)	2 (14)	38 (14)	30 (67)	13 (8)	9 (36)
Toe 3 distal phalanx	0	0	0	0	0	0
Toe 4 proximal phalanx	3 (3)	2 (14)	35 (13)	28 (62)	12 (7)	8 (32)
Toe 4 distal phalanx	0	0	0	0	0	0
Toe 5 proximal phalanx	6 (5)	5 (24)	101 (21)	80 (100)	56 (18)	39 (82)
Toe 5 distal phalanx	0	0	0	0	0	0

p.c. = Day post coitum

HISTORICAL CONTROL DATA: EMBRYOFETAL DEVELOPMENT STUDIES
RAT SKELETAL EXAMINATION – BONE FINDINGS
STAGE OF DEVELOPMENT AND COMMON VARIATIONS

11 / 11

Study reference	08/01	08/02	08/03	08/04	08/05	08/08
Dose route	gavage	gavage	gavage	gavage	gavage	gavage
Dosing period	6-20 p.c.	6-17 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.
Source of animals	RCC Ltd					
Age (weeks) / wt (g) at mating	11 / 187-237	11 / 188-242	11 / 191-236	11 / 187-221	11 / 179-215	11 / 179-222
Date first positive smear (G0)	15.01.08	15.01.08	05.02.08	25.03.08	01.04.08	29.07.08
No. of fetuses (litters) examined	133(21)	126(21)	144(22)	132(22)	138(23)	127(22)
Fetuses / (litters)						
Findings:	N	%	N	%	N	%
Right hindlimb						
Non-ossified						
Talus	97 (20)	73 (95)	98 (21)	78 (100)	89 (19)	62 (86)
Metatarsalia 1	0	0	21 (10)	17 (48)	2 (2)	1 (9)
Toe 1 proximal phalanx	0	0	0	0	0	0
Toe 2 proximal phalanx	2 (2)	2 (10)	62 (18)	52 (86)	24 (9)	17 (41)
Toe 2 distal phalanx	0	0	0	0	0	0
Toe 3 proximal phalanx	2 (2)	2 (10)	43 (14)	34 (67)	13 (7)	9 (32)
Toe 3 distal phalanx	0	0	0	0	0	0
Toe 4 proximal phalanx	2 (2)	2 (10)	40 (14)	32 (67)	12 (6)	8 (27)
Toe 4 distal phalanx	0	0	0	0	0	0
Toe 5 proximal phalanx	6 (5)	5 (24)	97 (21)	77 (100)	0	0
Toe 5 distal phalanx	0	0	0	0	54 (15)	38 (68)

p.c. = Day post coitum

HISTORICAL CONTROL DATA: EMBRYOFETAL DEVELOPMENT STUDIES
RAT SKELETAL EXAMINATION – CARTILAGE FINDINGS
STAGE OF DEVELOPMENT AND COMMON VARIATIONS

1 / 6

Study reference	08/01	08/02	08/03	08/04	08/05	08/08				
Dose route	gavage	gavage	gavage	gavage	gavage	gavage				
Dosing period	6-20 p.c.	6-17 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.				
Source of animals	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd				
Age (weeks) / wt (g) at mating	11 / 187-237	11 / 188-242	11 / 191-236	11 / 187-221	11 / 179-215	11 / 179-222				
Date first positive smear (G0)	15.01.08	15.01.08	05.02.08	25.03.08	01.04.08	29.07.08				
No. of fetuses (litters) examined	133(21)	126(21)	144(22)	132(22)	138(23)	127(22)				
Findings:	Fetuses / (litters)									
	N	%	N	%	N	%	N	%	N	%
Skull structures										
With small hole										
Right										
Supra-occipital	0	0	-	-	0	0	0	0	10 (9)	8 (41)
Left										
Supra-occipital	0	0	-	-	0	0	0	0	7 (6)	6 (27)
Cervical vertebrae										
Dumbbell shape										
Body 1	0	0	-	-	0	0	0	0	0	0
Body 7	0	0	-	-	0	0	0	0	0	0
Absent										
Left										
Ventral plate	0	0	-	-	0	0	0	0	0	0
Long										
Right										
Ventral plate	0	0	-	-	0	0	0	2 (2)	1 (9)	1 (1) 1 (5)
Left										
Ventral plate	2 (2)	2 (10)	-	-	0	0	0	1 (1)	1 (4)	1 (1) 1 (5)

p.c. = Day post coitum
- Cartilage not examined

HISTORICAL CONTROL DATA: EMBRYOFETAL DEVELOPMENT STUDIES
RAT SKELETAL EXAMINATION – CARTILAGE FINDINGS
STAGE OF DEVELOPMENT AND COMMON VARIATIONS

2 / 6

Study reference	08/01	08/02	08/03	08/04	08/05	08/08				
Dose route	gavage	gavage	gavage	gavage	gavage	gavage				
Dosing period	6-20 p.c.	6-17 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.				
Source of animals	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd				
Age (weeks) / wt (g) at mating	11 / 187-237	11 / 188-242	11 / 191-236	11 / 187-221	11 / 179-215	11 / 179-222				
Date first positive smear (G0)	15.01.08	15.01.08	05.02.08	25.03.08	01.04.08	29.07.08				
No. of fetuses (litters) examined	133(21)	126(21)	144(22)	132(22)	138(23)	127(22)				
Findings:	Fetuses / (litters)									
	N	%	N	%	N	%	N	%	N	%
Cervical vertebrae continued										
Interrupted										
Left										
Ventral plate	0	0	-	-	1 (1)	1 (5)	0	0	0	0
Cranial shift to cervical vertebra 5										
Right										
Ventral plate	0	0	-	-	0	0	0	0	0	0
Left										
Ventral plate	0	0	-	-	0	0	0	0	0	0
Caudal shift to cervical vertebra 7										
Right										
Ventral plate	0	0	-	-	1 (1)	1 (5)	0	0	0	0
Left										
Ventral plate	0	0	-	-	0	0	0	0	1 (1)	1 (4)
Sternum										
Branched										
Xiphoid cartilage	39 (15)	29 (71)	-	-	58 (19)	40 (86)	43 (16)	33 (73)	49 (22)	36 (96)
With small hole										
Xiphoid cartilage	30 (18)	23 (86)	-	-	30 (16)	21 (73)	18 (14)	14 (64)	24 (14)	17 (61)

p.c. = Day post coitum
- Cartilage not examined

HISTORICAL CONTROL DATA: EMBRYOFETAL DEVELOPMENT STUDIES
RAT SKELETAL EXAMINATION – CARTILAGE FINDINGS
STAGE OF DEVELOPMENT AND COMMON VARIATIONS

3 / 6

Study reference	08/01	08/02	08/03	08/04	08/05	08/08
Dose route	gavage	gavage	gavage	gavage	gavage	gavage
Dosing period	6-20 p.c.	6-17 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.
Source of animals	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd
Age (weeks) / wt (g) at mating	11 / 187-237	11 / 188-242	11 / 191-236	11 / 187-221	11 / 179-215	11 / 179-222
Date first positive smear (G0)	15.01.08	15.01.08	05.02.08	25.03.08	01.04.08	29.07.08
No. of fetuses (litters) examined	133(21)	126(21)	144(22)	132(22)	138(23)	127(22)
Findings:	Fetuses / (litters)					
	N	%	N	%	N	%
Costal cartilages						
Branched distal extremity						
Left						
Cartilage 8	0	0	-	-	0	0
Right						
Cartilage 8	0	0	-	-	0	0
Bilateral						
Cartilage 8	0	0	-	-	0	0
Shortened						
Left						
Cartilage 10	0	0	-	-	0	0
Small protuberance distal extremity						
Right						
Cartilage 9	0	0	-	-	0	0

p.c. = Day post coitum
- Cartilage not examined

HISTORICAL CONTROL DATA: EMBRYOFETAL DEVELOPMENT STUDIES
RAT SKELETAL EXAMINATION – CARTILAGE FINDINGS
STAGE OF DEVELOPMENT AND COMMON VARIATIONS

4 / 6

Study reference	08/01	08/02	08/03	08/04	08/05	08/08
Dose route	gavage	gavage	gavage	gavage	gavage	gavage
Dosing period	6-20 p.c.	6-17 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.
Source of animals	RCC Ltd					
Age (weeks) / wt (g) at mating	11 / 187-237	11 / 188-242	11 / 191-236	11 / 187-221	11 / 179-215	11 / 179-222
Date first positive smear (G0)	15.01.08	15.01.08	05.02.08	25.03.08	01.04.08	29.07.08
No. of fetuses (litters) examined	133(21)	126(21)	144(22)	132(22)	138(23)	127(22)
Fetuses / (litters)						
Findings:	N	%	N	%	N	%
Costal cartilages continued						
Long						
Left						
Cartilage 10	0	0	-	-	0	0
Cartilage 11	3 (3)	2 (14)	-	-	1 (1)	1 (5)
Cartilage 10	0	0	-	-	0	0
Cartilage 11	1 (1)	1 (5)	-	-	1 (1)	1 (5)
Right						
Cartilage 10	0	0	-	-	0	0
Cartilage 11	1 (1)	1 (5)	-	-	5 (4)	4 (18)
Interrupted						
Right						
Cartilage 1	0	0	-	-	0	0
Cartilage 10	10 (5)	8 (24)	-	-	1 (1)	1 (5)
Cartilage 11	19 (12)	14 (57)	-	-	33 (15)	23 (68)

p.c. = Day post coitum
- Cartilage not examined

HISTORICAL CONTROL DATA: EMBRYOFETAL DEVELOPMENT STUDIES
RAT SKELETAL EXAMINATION – CARTILAGE FINDINGS
STAGE OF DEVELOPMENT AND COMMON VARIATIONS

5 / 6

Study reference	08/01	08/02	08/03	08/04	08/05	08/08
Dose route	gavage	gavage	gavage	gavage	gavage	gavage
Dosing period	6-20 p.c.	6-17 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.
Source of animals	RCC Ltd					
Age (weeks) / wt (g) at mating	11 / 187-237	11 / 188-242	11 / 191-236	11 / 187-221	11 / 179-215	11 / 179-222
Date first positive smear (G0)	15.01.08	15.01.08	05.02.08	25.03.08	01.04.08	29.07.08
No. of fetuses (litters) examined	133(21)	126(21)	144(22)	132(22)	138(23)	127(22)
Fetuses / (litters)						
Findings:	N	%	N	%	N	%
Costal cartilages continued						
Interrupted						
Left						
Cartilage 9	0	0	-	-	0	0
Cartilage 10	7 (6)	5 (29)	-	-	2 (1)	1 (5)
Cartilage 11	23 (12)	17 (57)	-	-	30 (16)	21 (73)
Not reaching sternum						
Right						
Cartilage 1	0	0	-	-	0	0
Cartilage 2	0	0	-	-	0	0
Cartilage 7	1 (1)	1 (5)	-	-	1 (1)	1 (5)
Left						
Cartilage 7	0	0	-	-	1 (1)	1 (5)
Cartilage 2	0	0	-	-	0	0

p.c. = Day post coitum
- Cartilage not examined

HISTORICAL CONTROL DATA: EMBRYOFETAL DEVELOPMENT STUDIES
RAT SKELETAL EXAMINATION – CARTILAGE FINDINGS
STAGE OF DEVELOPMENT AND COMMON VARIATIONS

6 / 6

Study reference	08/01	08/02	08/03	08/04	08/05	08/08
Dose route	gavage	gavage	gavage	gavage	gavage	gavage
Dosing period	6-20 p.c.	6-17 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.	6-20 p.c.
Source of animals	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd	RCC Ltd
Age (weeks) / wt (g) at mating	11 / 187-237	11 / 188-242	11 / 191-236	11 / 187-221	11 / 179-215	11 / 179-222
Date first positive smear (G0)	15.01.08	15.01.08	05.02.08	25.03.08	01.04.08	29.07.08
No. of fetuses (litters) examined	133(21)	126(21)	144(22)	132(22)	138(23)	127(22)
Findings:	Fetuses / (litters)					
	N	%	N	%	N	%
Costal cartilages continued						
Supernumerary one°						
Right	1 (1)	1 (5)	-	-	0	0
Left	0	0	-	-	0	0
Supernumerary one rudimentary°						
Right	0	0	-	-	0	0
Left	0	0	-	-	0	0

° Supernumerary one and supernumerary one rudimentary refer to presence length of distal cartilage

p.c. = Day post coitum
- Cartilage not examined